

 </p><div style="text-align: left;"><h3 class="post-title entry-title" itemprop="name" style="background-color: white; color: black; font-family: "Trebuchet MS", Trebuchet, sans-serif; margin: 20px 0px 0px; position: relative;">LAPORAN AKHIR M2 (PERCOBAAN 1)</h3><div>
</div><div>
</div></div><div style="text-align: center;"> [KEMBALI KE MENU SEBELUMNYA]</div><div style="text-align: center;">
</div><center><div style="background-color: white; border: 2px dashed rgb(23, 128, 221); height: 240px; overflow: auto; padding: 10px; width: 330px;">DAFTAR ISI
<div style="text-align: left;">1. JURNAL</div><div style="text-align: left;">2. HARDWARE</div><div style="text-align: left;">3. GAMBAR RANGKAIAN</div><div style="text-align: left;">4. PRINSIP KERJA</div><div style="text-align: left;">5. VIDEO PRAKTIKUM</div><div style="text-align: left;">6. ANALISA</div><div style="text-align: left;"><b style="color: #ffa400; font-family: times;">7. LINK DOWNLOAD</div>
<div style="text-align: left;">
</div></center><p style="text-align: center;">MODUL 2</p><p style="text-align: center;">ADC DAN PWM</p><p><b style="color: #222222;"><b style="color: black;">JURNAL[KEMBALI]</p><div style="text-align: left;"><b style="color: #222222;"><b style="color: black;">MEMBUAT LCD MENAMPILKAN BESAR POTENSIOMETER YANG DIKIRIMKAN KE ARDUINO</div><p><b style="color: #222222;"><b style="color: black;"><b style="color: #222222;"><b style="color: black;">HARDWARE[KEMBALI]</p><p><b style="color: #222222;"><b style="color: black;"><b style="color: #222222;"><b style="color: black;">
</p><div style="background-color: white; border: 0px; box-sizing: border-box; color: #444444; font-family: "open sans", arial, helvetica, sans-serif; font-size: large; margin: 0px; padding: 0px;"><h2 style="border: 0px; box-sizing: border-box; color: #757575; font-family: "Trebuchet MS", Trebuchet, sans-serif; font-size: 14px; font-stretch: normal; font-variant-east-asian: normal; font-variant-numeric: normal; letter-spacing: 0px; line-height: 29px; margin: 0px 0px 7px; padding-bottom: 0px;

padding-left: 0px; padding-right: 0px; padding-top: 4px !important; padding: 4px 0px 0px; position: relative; text-indent: -1px;"><b style="border: 0px; box-sizing: border-box; margin: 0px; padding: 0px;">A. Alat</h2><h2 style="border: 0px; box-sizing: border-box; color: #757575; font-family: "Trebuchet MS"; Trebuchet, sans-serif; font-size: 14px; font-stretch: normal; font-variant-east-asian: normal; font-variant-numeric: normal; letter-spacing: 0px; line-height: 29px; margin: 0px 0px 7px; padding-bottom: 0px; padding-left: 0px; padding-right: 0px; padding-top: 4px !important; padding: 4px 0px 0px; position: relative; text-indent: -1px;">a) Instrument</h2><h2 style="border: 0px; box-sizing: border-box; color: #757575; font-family: "Trebuchet MS"; Trebuchet, sans-serif; font-size: 14px; font-stretch: normal; font-variant-east-asian: normal; font-variant-numeric: normal; letter-spacing: 0px; line-height: 29px; margin: 0px 0px 7px; padding-bottom: 0px; padding-left: 0px; padding-right: 0px; padding-top: 4px !important; padding: 4px 0px 0px; position: relative; text-indent: -1px;"><b style="border: 0px; box-sizing: border-box; margin: 0px; padding: 0px;">1. Power Supply<br style="border: 0px; box-sizing: border-box; clear: both; margin: 0px; padding: 0px; text-align: center;"></div></div><p><b style="color: #222222;"><b style="color: black;"></p><div style="background-color: white; border: 0px; box-sizing: border-box; color: #444444; font-family: "open sans"; arial, helvetica, sans-serif; font-size: large; margin: 0px; padding: 0px;"><div style="border: 0px; box-sizing: border-box; margin: 0px; padding: 0px; text-align: center;">Gambar 1. Power Supply</div><h2 style="border: 0px; box-sizing: border-box; color: #757575; font-family: "Trebuchet MS"; Trebuchet, sans-serif; font-size: 14px; font-stretch: normal;

font-variant-east-asian: normal; font-variant-numeric: normal; letter-spacing: 0px; line-height: 29px; margin: 0px 0px 7px; padding-bottom: 0px; padding-left: 0px; padding-right: 0px; padding-top: 4px !important; padding: 4px 0px 0px; position: relative; text-indent: -1px;"><b style="border: 0px; box-sizing: border-box; margin: 0px; padding: 0px;"> </h2><h2 style="border: 0px; box-sizing: border-box; color: #757575; font-family: "Trebuchet MS"; Trebuchet, sans-serif; font-size: 14px; font-stretch: normal; font-variant-east-asian: normal; font-variant-numeric: normal; letter-spacing: 0px; line-height: 29px; margin: 0px 0px 7px; padding-bottom: 0px; padding-left: 0px; padding-right: 0px; padding-top: 4px !important; padding: 4px 0px 0px; position: relative; text-indent: -1px;"><b style="border: 0px; box-sizing: border-box; margin: 0px; padding: 0px;"> </h2><h2 style="border: 0px; box-sizing: border-box; color: #757575; font-family: "Trebuchet MS"; Trebuchet, sans-serif; font-size: 14px; font-stretch: normal; font-variant-east-asian: normal; font-variant-numeric: normal; letter-spacing: 0px; line-height: 29px; margin: 0px 0px 7px; padding-bottom: 0px; padding-left: 0px; padding-right: 0px; padding-top: 4px !important; padding: 4px 0px 0px; position: relative; text-indent: -1px;">1.

Potensiometer<br style="box-sizing: border-box;" /></h2><div class="separator" style="border: 0px; box-sizing: border-box; clear: both; margin: 0px; padding: 0px; text-align: center;"></div><div style="border: 0px; box-sizing: border-box; margin: 0px; padding: 0px; text-align: center;">Gambar 2. Potensiometer</div><div style="border: 0px; box-sizing: border-box; margin: 0px; padding: 0px; text-align: center;"> </div><div style="border: 0px; box-sizing: border-box; margin: 0px; padding: 0px; text-align: justify;"><b style="border: 0px; box-sizing: border-box; margin: 0px; padding: 0px;">a) Komponen Input</div><div style="border: 0px; box-sizing: border-box; margin: 0px; padding: 0px; text-align: justify;"> </div><div style="border: 0px; box-sizing: border-box; margin: 0px; padding: 0px; text-align: justify;">

Opx; padding: 0px;">1. LM 35<br style="box-sizing: border-box;" /></div><div style="border: 0px; box-sizing: border-box; margin: 0px; padding: 0px; text-align: justify;"> <div class="separator" style="border: 0px; box-sizing: border-box; clear: both; margin: 0px; padding: 0px; text-align: center;"></div><div class="separator" style="border: 0px; box-sizing: border-box; clear: both; margin: 0px; padding: 0px; text-align: center;"> </div><div style="border: 0px; box-sizing: border-box; margin: 0px; padding: 0px; text-align: justify;"><b style="border: 0px; box-sizing: border-box; margin: 0px; padding: 0px;"> </div><div style="border: 0px; box-sizing: border-box; margin: 0px; padding: 0px; text-align: justify;"><b style="border: 0px; box-sizing: border-box; margin: 0px; padding: 0px;">b) Komponen Output</div><div style="border: 0px; box-sizing: border-box; margin: 0px; padding: 0px; text-align: justify;"> </div><div style="border: 0px; box-sizing: border-box; margin: 0px; padding: 0px; text-align: justify;">>1. LCD<br style="box-sizing: border-box;" /></div><div style="border: 0px; box-sizing: border-box; margin: 0px; padding: 0px; text-align: justify;"><div class="separator" style="border: 0px; box-sizing: border-box; clear: both; margin: 0px; padding: 0px; text-align: center;"></div><br style="box-sizing: border-box;" /><div style="border: 0px; box-sizing: border-box; margin: 0px; padding: 0px; text-align: center;">>Gambar 5. LCD </div><div style="border: 0px; box-sizing: border-box; margin: 0px; padding: 0px;">>2. Motor DC<br style="box-sizing: border-box;" /></div><div style="border: 0px; box-sizing: border-box; margin: 0px; padding: 0px;"><div class="separator" style="border: 0px; box-sizing: border-box; clear: both; margin: 0px; padding: 0px; text-align:

center;"></div><div class="separator" style="border: 0px; box-sizing: border-box; clear: both; margin: 0px; padding: 0px; text-align: center;">Gambar 6. Motor DC</div><div class="separator" style="border: 0px; box-sizing: border-box; clear: both; margin: 0px; padding: 0px; text-align: center;"></div><div class="separator" style="border: 0px; box-sizing: border-box; clear: both; margin: 0px; padding: 0px; text-align: center;"><div style="border: 0px; box-sizing: border-box; margin: 0px; padding: 0px;">Motor Servo</div></div><div class="separator" style="border: 0px; box-sizing: border-box; clear: both; margin: 0px; padding: 0px; text-align: center;"><br style="box-sizing: border-box;" /><b style="border: 0px; box-sizing: border-box; margin: 0px; padding: 0px;"> </div></div><div style="border: 0px; box-sizing: border-box; margin: 0px; padding: 0px; text-align: justify;"><b style="border: 0px; box-sizing: border-box; margin: 0px; padding: 0px;">c) Komponen Lainnya </div><div style="border: 0px; box-sizing: border-box; margin: 0px; padding: 0px; text-align: justify;"> </div><div style="border: 0px; box-sizing: border-box; margin: 0px; padding: 0px; text-align: justify;">1. Mikrokontroler<br style="box-sizing: border-box;" /></div><div style="border: 0px; box-sizing: border-box; margin: 0px; padding: 0px;"><div class="separator" style="border: 0px; box-sizing: border-box; clear: both; margin: 0px; padding: 0px; text-align: center;"><a href="https://1.bp.blogspot.com/-lbhvyj8bPJw/YYUAM7qQISI/AAAAAAAAAC5M/fdIpKtfCLXEq yu03OrtNm8gal88lsPr4ACLcBGAsYHQ/s551/Arduino_uno.png" style="border: 0px; box-sizing: border-box; color: #597e00; margin: 0px 1em; padding: 0px; text-decoration-line:

none; transition: all 0.3s ease 0s;"></div><div class="separator" style="border: 0px; box-sizing: border-box; clear: both; margin: 0px; padding: 0px; text-align: center;">Gamabar 7. Arduino Uno</div><div class="separator" style="border: 0px; box-sizing: border-box; clear: both; margin: 0px; padding: 0px; text-align: center;"><br style="box-sizing: border-box;" /></div>2. Driver Motor<br style="box-sizing: border-box;" /><br style="box-sizing: border-box;" /><div class="separator" style="border: 0px; box-sizing: border-box; clear: both; margin: 0px; padding: 0px; text-align: center;">a href="https://1.bp.blogspot.com/-E9WyCg85kbl/YYh9my_1P9I/AAAAAAAAAC8Y/B7tCpd8cYKcbJolZWx5sx7jGWFqxoR9hQCLcBGAsYHQ/s438/Driver%2BMotor%2BL293D.jpg" style="border: 0px; box-sizing: border-box; color: #597e00; margin: 0px 1em; padding: 0px; text-decoration-line: none; transition: all 0.3s ease 0s;"></div><div style="border: 0px; box-sizing: border-box; margin: 0px; padding: 0px; text-align: center;">Gamabar 8. Driver Motor L293D</div></div><p></p><p><b style="color: #222222;"><b style="color: black;"><b style="color: #222222;"><b style="color: black;"><b style="color: #222222;"><b style="color: black;">GAMBAR RANGKAIAN[KEMBALI]</p><p><b style="color: #222222;"><b style="color: black;"><b style="color: #222222;"><b style="color: black;"><b style="color: #222222;"><b style="color: black;"><b style="background-color: white; font-family: "Cherry Cream Soda""></p><div class="separator" style="clear: both; text-align: center;"><div class="separator" style="clear: both; text-align: center;"><div class="separator" style="clear: both; text-align: center;"><div class="separator" style="clear: both; text-align: center;"><div class="separator" style="clear: both; text-align: center;">a href="https://blogger.googleusercontent.com/img/a/AVvXsEhJi1LO24LwnDJb6nmZVIHaWtAEaSc9nPespMcr8LRbKibTR6INwHUtWqQ4PU8rUYFmL4PBO5TxdV-yyqdCrhtwbPWGd4gyOaT5pwgewyBKcNIKwpwFHO4BGVAsfh0zSNLeqGgSZRdDIIFdVlyHHgHFV72gOE2TOb4A2VDWntPjYgBh3BdA9LxiXP7RA" style="color: #2c78b7; margin-left: 1em; margin-right: 1em; text-decoration: none;">

```

VDWntPjYgBh3BdA9LxiXP7RA=w536-h301" style="border: none; position: relative;"
width="536" /></a></div></div><br /></div></div><p></p><p><b style="color:
#222222;"><b style="color: black;"><span style="color: #cc0000; font-family: times;"><a
name="PRINSIP KERJA">PRINSIP KERJA</a><a
href="#D1">[KEMBALI]</a></span></b></b></p><p></p><ul style="text-align: left;"><li><b
style="color: #222222;"><b style="color: black;">pada percobaan ini kita menggunakan
arduino, lcd dan motor dervo</b></b></li><li><b style="color: #222222;"><b style="color:
black;">sehingga perlu mendeklarasikan pin pin yang akan digunakan pada arduino terlebih
dahulu</b></b></li><li><b style="color: #222222;"><b style="color: black;">untuk lcd
menggunakan pin 2-7</b></b></li><li><b style="color: #222222;"><b style="color:
black;">untuk motor servo mmenggunakan pin 9</b></b></li><li><b style="color:
#222222;"><b style="color: black;">dan potensio menggunakan pin A0</b></b></li><li><b
style="color: #222222;"><b style="color: black;">selanjutnya mendeklarasikan variabel nilai
dan output</b></b></li></ul><p></p><p><b style="color: #222222;"><b style="color:
black;"><br /></b></b></p><div style="background-color: white; color: #4e5b61; font-family:
Consolas, &quot;Courier New&quot;; monospace; font-size: 14px; white-space: pre;"><span
style="color: #728e00;">#include</span> &nbsp;<span style="color:
#005c5f;">&lt;LiquidCrystal.h&gt;</span> &nbsp;<span
style="color: #95a5a6;">//Deklarasi library LCD</span></div><div style="background-color:
white; color: #4e5b61; font-family: Consolas, &quot;Courier New&quot;; monospace;
font-size: 14px; white-space: pre;"><span style="color: #728e00;">#define</span> <span
style="color: #d35400;">servo</span> <span style="color: #005c5f;">9</span><span
style="color: #95a5a6;"> &nbsp;<span style="color: #005c5f;">2</span><span style="color: #005c5f;">3</span><span
style="color: #005c5f;">4</span><span style="color: #005c5f;">5</span><span
style="color: #005c5f;">6</span><span style="color: #005c5f;">7</span><span
style="color: #434f54;">)</span><span style="color: #95a5a6;"> &nbsp;</span><span style="color: #95a5a6;">
//Deklarasi pin 2-7
untuk LCD &nbsp;<span style="color: #95a5a6;">
//Deklarasi variabel
nilaiSuhu</span></div><p><br style="background-color: white; color: #4e5b61; font-family:
Consolas, &quot;Courier New&quot;; monospace; font-size: 14px; white-space: pre;"
/></p><div style="background-color: white; color: #4e5b61; font-family: Consolas,
&quot;Courier New&quot;; monospace; font-size: 14px; white-space: pre;">byte pot =
A0;<span style="color: #95a5a6;"> &nbsp;<span style="color: #95a5a6;">
//Deklarasi pin A0
untuk potensiometer</span></div><p><br style="background-color: white; color: #4e5b61;
font-family: Consolas, &quot;Courier New&quot;; monospace; font-size: 14px; white-space:
pre;" /></p><div style="background-color: white; color: #4e5b61; font-family: Consolas,
&quot;Courier New&quot;; monospace; font-size: 14px; white-space: pre;"><span
style="color: #00979d;">int</span> nilai;<span style="color: #95a5a6;"> &nbsp;<span
style="color: #95a5a6;">
//Deklarasi Variabel Nilai</span></div><div
style="background-color: white; color: #4e5b61; font-family: Consolas, &quot;Courier
New&quot;; monospace; font-size: 14px; white-space: pre;"><span style="color:
#00979d;">int</span> output;<span style="color: #95a5a6;"> &nbsp;<span style="color: #95a5a6;">
//Deklarasi Variabel Output</span></div><p><br style="background-color: white; color:

```

```

#4e5b61; font-family: Consolas, &quot;Courier New&quot;; monospace; font-size: 14px;
white-space: pre;" /></p><div style="background-color: white; color: #4e5b61; font-family:
Consolas, &quot;Courier New&quot;; monospace; font-size: 14px; white-space: pre;"><span
style="color: #00979d;">void</span> <span style="color: #d35400;">setup</span> <span
style="color: #434f54;">)</span> <span style="color: #434f54;">{</span></div><p><br
style="background-color: white; color: #4e5b61; font-family: Consolas, &quot;Courier
New&quot;; monospace; font-size: 14px; white-space: pre;" /></p><div
style="background-color: white; color: #4e5b61; font-family: Consolas, &quot;Courier
New&quot;; monospace; font-size: 14px; white-space: pre;"><span style="color:
#95a5a6;">// TODO: put your setup code here, to run once:</span></div><div
style="background-color: white; color: #4e5b61; font-family: Consolas, &quot;Courier
New&quot;; monospace; font-size: 14px; white-space: pre;">&nbsp; <span style="color:
#d35400;">pinMode</span><span style="color: #434f54;">(</span>servo, output<span
style="color: #434f54;">)</span>;<span style="color: #95a5a6;"> &nbsp; &nbsp; &nbsp; &nbsp;
&nbsp; &nbsp; &nbsp; &nbsp; &nbsp; //Deklarasi servo sebagai OUTPUT</span></div><div
style="background-color: white; color: #4e5b61; font-family: Consolas, &quot;Courier
New&quot;; monospace; font-size: 14px; white-space: pre;">&nbsp; <span style="color:
#d35400;">lcd</span>.<span style="color: #d35400;">begin</span><span style="color:
#434f54;">(</span><span style="color: #005c5f;">16</span>, <span style="color:
#005c5f;">2</span><span style="color: #434f54;">)</span>;<span style="color: #95a5a6;">
&nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; //Dimensi LCD yang digunakan</span></div><div style="background-color: white; color:
#4e5b61; font-family: Consolas, &quot;Courier New&quot;; monospace; font-size: 14px;
white-space: pre;">&nbsp; <span style="color: #d35400;">Serial</span>.<span style="color:
#d35400;">begin</span><span style="color: #434f54;">(</span><span style="color:
#005c5f;">9600</span><span style="color: #434f54;">)</span>;<span style="color:
#95a5a6;"> &nbsp; &nbsp; &nbsp; //Set Baud Rate 9600 &nbsp;</span></div><div
style="background-color: white; color: #4e5b61; font-family: Consolas, &quot;Courier
New&quot;; monospace; font-size: 14px; white-space: pre;">&nbsp; <span style="color:
#d35400;">lcd</span>.<span style="color: #d35400;">setCursor</span><span style="color:
#434f54;">(</span><span style="color: #005c5f;">0</span>, <span style="color:
#005c5f;">0</span><span style="color: #434f54;">)</span>;</div><div
style="background-color: white; color: #4e5b61; font-family: Consolas, &quot;Courier
New&quot;; monospace; font-size: 14px; white-space: pre;"><span style="color:
#434f54;">}</span></div><p><br style="background-color: white; color: #4e5b61;
font-family: Consolas, &quot;Courier New&quot;; monospace; font-size: 14px; white-space:
pre;" /></p><div style="background-color: white; color: #4e5b61; font-family: Consolas,
&quot;Courier New&quot;; monospace; font-size: 14px; white-space: pre;"><span
style="color: #00979d;">void</span> <span style="color: #d35400;">loop</span><span
style="color: #434f54;">(</span> <span style="color: #434f54;">{</span></div><p><br
style="background-color: white; color: #4e5b61; font-family: Consolas, &quot;Courier
New&quot;; monospace; font-size: 14px; white-space: pre;" /></p><div
style="background-color: white; color: #4e5b61; font-family: Consolas, &quot;Courier
New&quot;; monospace; font-size: 14px; white-space: pre;"><span style="color:
#95a5a6;">// TODO: put your main code here, to run repeatedly:</span></div><div
style="background-color: white; color: #4e5b61; font-family: Consolas, &quot;Courier
New&quot;; monospace; font-size: 14px; white-space: pre;">&nbsp; &nbsp; &nbsp; nilai = <span
style="color: #d35400;">analogRead</span><span style="color:

```



```
#434f54;">(</span>pot<span style="color: #434f54;">)</span>;<span style="color:
#95a5a6;"> //membaca nilai potensiometer</span></div><div style="background-color:
white; color: #4e5b61; font-family: Consolas, &quot;Courier New&quot;;, monospace;
font-size: 14px; white-space: pre;">&nbsp; &nbsp; output = <span style="color:
#d35400;">map</span><span style="color: #434f54;">(</span>nilai,<span style="color:
#005c5f;">0</span>,<span style="color: #005c5f;">1023</span>,<span style="color:
#005c5f;">0</span>,<span style="color: #005c5f;">255</span><span style="color:
#434f54;">)</span>;</div><div style="background-color: white; color: #4e5b61; font-family:
Consolas, &quot;Courier New&quot;;, monospace; font-size: 14px; white-space:
pre;">&nbsp; &nbsp; <span style="color: #d35400;">analogWrite</span><span style="color:
#434f54;">(</span>servo,output<span style="color: #434f54;">)</span>;</div><div
style="background-color: white; color: #4e5b61; font-family: Consolas, &quot;Courier
New&quot;;, monospace; font-size: 14px; white-space: pre;">&nbsp; &nbsp; <span
style="color: #d35400;">lcd</span>.<span style="color: #d35400;">setCursor</span><span
style="color: #434f54;">(</span><span style="color: #005c5f;">0</span>,<span style="color:
#005c5f;">0</span><span style="color: #434f54;">)</span>;</div><div
style="background-color: white; color: #4e5b61; font-family: Consolas, &quot;Courier
New&quot;;, monospace; font-size: 14px; white-space: pre;">&nbsp; &nbsp; <span
style="color: #d35400;">lcd</span>.<span style="color: #d35400;">print</span><span
style="color: #434f54;">(</span><span style="color:
#005c5f;">"ADCPotensiometer"</span><span style="color: #434f54;">)</span>;</div><div
style="background-color: white; color: #4e5b61; font-family: Consolas, &quot;Courier
New&quot;;, monospace; font-size: 14px; white-space: pre;">&nbsp; &nbsp; <span
style="color: #d35400;">lcd</span>.<span style="color: #d35400;">setCursor</span><span
style="color: #434f54;">(</span><span style="color: #005c5f;">7</span>,<span style="color:
#005c5f;">1</span><span style="color: #434f54;">)</span>;</div><div
style="background-color: white; color: #4e5b61; font-family: Consolas, &quot;Courier
New&quot;;, monospace; font-size: 14px; white-space: pre;">&nbsp; &nbsp; <span
style="color: #d35400;">lcd</span>.<span style="color: #d35400;">print</span><span
style="color: #434f54;">(</span>output<span style="color: #434f54;">)</span>;<span
style="color: #95a5a6;"> &nbsp; //Menampilkan input dari keypad pada
LCD</span></div><div style="background-color: white; color: #4e5b61; font-family:
Consolas, &quot;Courier New&quot;;, monospace; font-size: 14px; white-space:
pre;">&nbsp; &nbsp; <span style="color: #d35400;">delay</span><span style="color:
#434f54;">(</span><span style="color: #005c5f;">2000</span><span style="color:
#434f54;">)</span>;</div><div style="background-color: white; color: #4e5b61; font-family:
Consolas, &quot;Courier New&quot;;, monospace; font-size: 14px; white-space: pre;"><span
style="color: #434f54;">}</span></div><p></p><p></p><ul style="text-align: left;"><li><span
style="font-family: times;"><b>kemudian pada void setup, servo di deklarasikan sebagai
output, dan kemudian mengatur dimensi dan letak kursor pada lcd
nya</b></span></li><li><span style="font-family:
times;"><b>untuk&nbsp;</b></span><span style="font-family: times;"><b>&nbsp;membaca
nilai potensio maka perlu&nbsp;</b></span><span style="background-color: white;
font-family: Consolas, &quot;Courier New&quot;;, monospace; font-size: 14px; white-space:
pre;"> </span><span style="font-family: Consolas, &quot;Courier New&quot;;, monospace;
font-size: 14px; white-space: pre;">analogRead</span><span style="font-family: Consolas,
&quot;Courier New&quot;;, monospace; font-size: 14px; white-space: pre;">(</span><span
style="background-color: white; font-family: Consolas, &quot;Courier New&quot;;,
```

monospace; font-size: 14px; white-space: pre;">pot

Consolas, "Courier New", monospace; font-size: 14px; white-space: pre;">untuk mnulis nilai potensio maka perlu analogWriteservo,output<b style="font-family: times;">untuk menampilkan nya pada lcd nilai output dipanggil lagi daat lcd.print<p></p><p>
</p><p><b style="color: #222222;"><b style="color: black;"><b style="color: #222222;"><b style="color: black;">VIDEO PRAKTIKUM[KEMBALI]</p><div class="separator" style="clear: both; text-align: center;"><iframe allowfullscreen="allowfullscreen" class="b-hbp-video b-uploaded" frameborder="0" height="508" id="BLOGGER-video-6ca26d6b2a28d187-3550" mozallowfullscreen="mozallowfullscreen" src="https://www.blogger.com/video.g?token=AD6v5dwufkacAJD6mxoonEeuyTcwUQ6xBU MQA_uuPb9uSb4ZWfBsJYRXdaR7xvyJKuJzgKTSTR_WphQr6Yww1nIvtTxotHlcsNiTp-ekk1jpql5DXlrCDGaiDUYhB3tSoDVV-yJiZq0" webkitallowfullscreen="webkitallowfullscreen" width="611"></iframe></div><div class="separator" style="clear: both; text-align: center;">
</div><p><b style="color: #222222;"><b style="color: black;"></p><div class="separator" style="clear: both; font-family: "Cherry Cream Soda"; text-align: center;"><br style="background-color: white; font-size: 13px;" /></div><p><b style="color: #222222;"><b style="color: black;"><b style="color: #222222;"><b style="color: black;"><b style="color: #222222;"><b style="color: black;"><b style="color: #222222;"><b style="color: black;">ANALISA[KEMBALI]</p><p>
</p><p><b style="color: #222222;"><b style="color: black;">1. Analisa pengaruh nilai hambatan pada potensio terhadap nilai PWM, ADC, arah dan kecepatan servo</p><p>Pada percobaan 3 ini semakin besar nilai potensio maka semakin kecil nilai tegangan outputnya dikarenakan tahanannya semakin besar, semakin kecil nilai tegangan pada in ADC maka semakin besar tegangan pada PWM dan kecepatan servo pun makin cepat, arahnya pun akan berlawanan dengan arah awal, jika potensia tahanannya diturunkan, perubahan terjadi saat potensio pada titik 50%</p><p>
</p><p>2. Analisa kegunaan fungsi map() pada percobaan</p><p>fungsi map() digunakan untuk memetakan ulang suatu nilai dalam rentang tertentu ke rentang lainnya. pada percobaan ini pembacaan PWM hanya sampai 8 bit yaitu 0-0255, maka nilai 10 bit pada pin analog harus dipetakan kembali menjadi 8 bit.</p><div>
</div><p><b style="color: #222222;"><b style="color: black;"><b style="color: #222222;"><b style="color: black;"><b style="color: #222222;"><b style="color: black;"><b style="color: #222222;"><b style="color: black;"><b style="color: #222222;"><b style="color: black;"><a name="LINK

DOWNLOAD">LINK DOWNLOAD

[\[KEMBALI\]](#)

Download Video Praktikum <https://drive.google.com/uc?export=download&id=1PvDFMLlaZMLI9piawFv1V-zkLsLtabAS> style="color: #3540a0; text-decoration-line: none;">Disini

Download File Program <https://drive.google.com/uc?export=download&id=1whmtdbhIAw3FWDuc3KiKWaLa11tSFBXf> style="color: #3540a0; text-decoration-line: none;">Disini

Download DataSheet Arduino <https://drive.google.com/uc?export=download&id=1wEvy-YI2GSQSKOGJw9C5iFXmMIWdNMts> style="color: #2c78b7; text-decoration-line: none;">disini

Download Datasheet LCD <https://drive.google.com/uc?export=download&id=13PPy6iUNdUb4YjTeAcl8kuLLteWmgFbN> style="color: #2c78b7; text-decoration-line: none;">disini

Download Library https://drive.google.com/uc?export=download&id=1zZKfnl6F1uRtDam_C1eom2ciK6_Bj0xe style="color: #2c78b7; text-decoration-line: none;">Disini

Dataheet Motor Servo <https://drive.google.com/uc?export=download&id=1N3zNWPdcTOp64klHEUwHldt8EAga5LVG> style="color: #2c78b7; text-decoration-line: none;">Disini

Dataheet Potensiometer <https://drive.google.com/uc?export=download&id=1whxRCWa8woxN30CcFGKmzHxuBzSX9ljt> style="color: #2c78b7; text-decoration-line: none;">Link

Download HTML disini