

TUGAS PENDAHULUAN MODUL 2

<div style="text-align: center;">[\[KEMBALI KE MENU SEBELUMNYA\]</div>](https://taufikr191024.blogspot.com/p/modul-2-kembali-ke-menu-sebelumnya.html)
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<p>1. Kondisi[Kembali]</p><p>Percobaan 2 Kondisi 6</p><p>Bila suhu yang terbaca pada LCD menunjukkan suhu > 40 derajat celsius maka motor akan berputar ke kanan</p><p>2. Rangkaian Simulasi[Kembali]</p><div class="separator" style="clear: both; text-align: center;"></div><div class="separator" style="clear: both; text-align: center;">
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</div><p>3. Flowchart[Kembali]</p><div class="separator" style="clear: both; text-align: center;"></div>
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<p>4. Listing Program[Kembali]</p><p>#include <LiquidCrystal.h></p><p>LiquidCrystal lcd(2, 3, 4, 5, 6, 7);</p><p>#define in1 9</p><p>#define in2 10</p><p>

```

medium;">#define LM35 A0</span></p><p><span style="font-family: georgia; font-size:
medium;"><br /></span></p><p><span style="font-family: georgia; font-size: medium;">int
NS;</span></p><p><span style="font-family: georgia; font-size: medium;"><br
/></span></p><p><span style="font-family: georgia; font-size: medium;">void setup()
{</span></p><p><span style="font-family: georgia; font-size:
medium;">pinMode(in1,OUTPUT);</span></p><p><span style="font-family: georgia; font-size:
medium;">pinMode(in2,OUTPUT);</span></p><p><span style="font-family: georgia; font-size:
medium;">pinMode(A0,INPUT);</span></p><p><span style="font-family: georgia; font-size:
medium;">}</span></p><p><span style="font-family: georgia; font-size: medium;"><br
/></span></p><p><span style="font-family: georgia; font-size: medium;">void loop()
{</span></p><p><span style="font-family: georgia; font-size: medium;">&nbsp;&nbsp;&nbsp; NS =
analogRead(LM35)/(10/(5000/ 1023));</span></p><p><span style="font-family: georgia; font-size:
medium;">&nbsp;&nbsp;&nbsp; lcd.clear();</span></p><p><span style="font-family: georgia; font-size:
medium;">&nbsp;&nbsp;&nbsp; lcd.setCursor(0, 0);</span></p><p><span style="font-family: georgia; font-size:
medium;">&nbsp;&nbsp;&nbsp; lcd.print(NS);</span></p><p><span style="font-family: georgia; font-size:
medium;">&nbsp;&nbsp;&nbsp; delay(100);</span></p><p><span style="font-family: georgia; font-size:
medium;"><br /></span></p><p><span style="font-family: georgia; font-size: medium;">&nbsp;&nbsp;&nbsp;
if(NS>40){</span></p><p><span style="font-family: georgia; font-size: medium;">&nbsp;&nbsp;&nbsp; &nbsp;&nbsp;&nbsp;
digitalWrite(in1,HIGH);</span></p><p><span style="font-family: georgia; font-size:
medium;">&nbsp;&nbsp;&nbsp; &nbsp;&nbsp;&nbsp; digitalWrite(in2,LOW);</span></p><p><span style="font-family: georgia;
font-size: medium;">&nbsp;&nbsp;&nbsp; &nbsp;&nbsp;&nbsp; delay(100);</span></p><p><span style="font-family: georgia;
font-size: medium;">&nbsp;&nbsp;&nbsp; }</span></p><p><span style="font-family: georgia; font-size:
medium;">&nbsp;&nbsp;&nbsp; else{</span></p><p><span style="font-family: georgia; font-size:
medium;">&nbsp;&nbsp;&nbsp; &nbsp;&nbsp;&nbsp; &nbsp;&nbsp;&nbsp; digitalWrite(in1,LOW);</span></p><p><span style="font-family:
georgia; font-size: medium;">&nbsp;&nbsp;&nbsp; &nbsp;&nbsp;&nbsp; &nbsp;&nbsp;&nbsp; digitalWrite(in2,LOW);</span></p><p><span
style="font-family: georgia; font-size: medium;">&nbsp;&nbsp;&nbsp; &nbsp;&nbsp;&nbsp;
&nbsp;&nbsp;&nbsp;delay(100);</span></p><p><span style="font-family: georgia; font-size: medium;">&nbsp;&nbsp;&nbsp;
}</span></p><p><span style="font-family: georgia; font-size: medium;">&nbsp;&nbsp;&nbsp;
delay(1000);</span></p><p><span style="font-family: georgia; font-size:
medium;">}</span></p><p><b><span style="font-family: georgia; font-size: medium;"><a
name="video">5. Video</a><a href="#home">[Kembali]</a></span></b></p><br /><div
class="separator" style="clear: both; text-align: center;"><object class="BLOG_video_class"
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width="320"></object></div><br /><p><br /><p><b><span style="font-family: georgia;
font-size: medium;"><a name="link">6. Link Download</a><a
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