

```
<div style="text-align: center;"><a
href="https://fiolaputrielisya211014.blogspot.com/p/modul-1-kembali-ke-menu-sebelumnya.html
"><span style="color: #38761d; font-family: times;">[KEMBALI KE MENU
SEBELUMNYA]</span></a></div><div style="text-align: center;"><span style="color:
#38761d; font-family: times;"><br /></span></div>
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<center>
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<div style="background-color: white; border: 2px dashed rgb(23, 128, 221); height: 240px;
overflow: auto; padding: 10px; text-align: center; width: 330px;">
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<span style="color: #38761d; font-family: times;"><b><a name="home">DAFTAR ISI</a></b>
<br />
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</span><div style="text-align: left;">
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<a href="#P"><span style="color: #38761d; font-family: times;">1. Prosedur</span></a></div>
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<div style="text-align: left;">
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<a href="#H"><span style="color: #38761d; font-family: times;">2. Hardware dan Diagram
Blok</span></a></div>
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<div style="text-align: left;">
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<a href="#R"><span style="color: #38761d; font-family: times;">3. Rangkaian Simulasi dan
Prinsip Kerja</span></a></div>
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<div style="text-align: left;">
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<a href="#FL"><span style="color: #38761d; font-family: times;">4. Flowchart dan Listing
Program</span></a></div>
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<div style="text-align: left;">
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<a href="#VD"><span style="color: #38761d; font-family: times;">5. Video
Demo</span></a></div>
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<div style="text-align: left;">
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<a href="#K"><span style="color: #38761d; font-family: times;">6. Kondisi</span></a></div>
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<div style="text-align: left;">
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<a href="#L"><span style="color: #38761d; font-family: times;">7. Download
File</span></a></div></div><div style="text-align: center;"><br /></div><div style="text-align:
center;"><b>Modul 1 Percobaan 6</b></div><div style="text-align: center;"><b style="border:
0px; box-sizing: border-box; font-family: &quot;open sans&quot;; arial, helvetica, sans-serif;
font-size: 15px; margin: 0px; padding: 0px; text-align: left;"><span style="border: 0px;
box-sizing: border-box; font-family: inherit; font-size: medium; margin: 0px; padding: 0px;">8X
Swicth SPDT dan LCD</span></b></div><p style="text-align: justify;"><b style="text-align:
left;"><span style="font-family: times; font-size: small;">1. Prosedur&nbsp;<a
href="#home"><span style="color: #38761d;">[Kembali]</span></a></span></b></p><div
style="text-align: justify;"><b style="text-align: left;"><ul style="background-color: white;
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font-family: times; font-size: 15.4px; font-weight: 400; line-height: 1.4; margin: 0.5em 0px; padding: 0px 2.5em;"><li style="border: 0px; box-sizing: border-box; margin: 0px; padding: 0px;">Rangkailah seperti rangkaian berikut<li style="border: 0px; box-sizing: border-box; margin: 0px; padding: 0px;">Buka Arduino IDE dan masukan listing program<li style="border: 0px; box-sizing: border-box; margin: 0px; padding: 0px;">Upload program ke arduino<li style="border: 0px; box-sizing: border-box; margin: 0px; padding: 0px;">Variasikan tombol yang ditekan dan amati keluarannya pada LCD</div><div style="text-align: justify;"><b style="text-align: left;">
</div><div><div style="font-weight: bold; text-align: justify;"><b style="text-align: left;">2. Hardware dan Diagram Blok [Kembali]</div><div style="text-align: justify;">Hardware<div class="separator" style="clear: both; text-align: center;"><div class="separator" style="clear: both; text-align: center;"></div><div class="separator" style="clear: both; text-align: center;">
</div></div><div class="separator" style="clear: both; text-align: center;">
</div><div>Diagram Blok<div class="separator" style="clear: both; text-align: center;"></div><div>
</div></div></div><div class="separator" style="clear: both; text-align: center;">
</div><div>3. Rangkaian Simulasi dan Prinsip Kerja [Kembali]</div><div><div

class="separator" style="clear: both; text-align: center; "><div class="separator" style="clear: both; text-align: center; "><div><ul style="line-height: 1.4; margin: 0.5em 0px; padding: 0px 2.5em; text-align: left; "><ul style="line-height: 1.4; margin: 0.5em 0px; padding: 0px 2.5em; "><li style="margin: 0px 0px 0.25em; padding: 0px; ">Rangkaian Simulasi<div class="separator" style="clear: both; text-align: center; "></div><ul style="line-height: 1.4; margin: 0.5em 0px; padding: 0px 2.5em; "><li style="margin: 0px 0px 0.25em; padding: 0px; ">Prinsip Kerja<div>Dalam percobaan ini, kami menggunakan Switch SPDT untuk mengatur input dan menampilkan outputnya melalui LCD yang terhubung dengan Arduino Uno. Setiap Switch SPDT telah diberi input berupa nama warna yang sesuai dengan warna Switch tersebut. Ketika salah satu Switch ditekan, LCD akan menampilkan nama warna yang sesuai dengan Switch yang ditekan.</div><div>
</div></div><div><br style="background-color: white; font-size: 15.4px; text-align: left;" /></div></div></div></div><ul style="text-align: left; ">Prinsip Kerja Hardware<div>
</div><div>
</div></div><div>
</div><div><div style="font-weight: bold; text-align: justify; "><b style="text-align: left; ">4. Flowchart dan Listing Program [Kembali]</div><div style="text-align: justify; "><li style="text-align: left; ">Flowchart<div class="separator" style="clear: both; text-align: center; ">
</div><div class="separator" style="clear: both; text-align: center; "> lcd.clear();</div><div style="color: black;
font-family: times;"> lcd.setCursor(0, 1);</div><div style="color: black;
font-family: times;"> lcd.print("Putih");</div><div style="color: black;
font-family: times;"> }</div><div style="color: black; font-family: times;"> else
if(Button1==LOW & Button2==LOW & Button3==LOW & Button5==LOW
& Button5==LOW & Button6==LOW & Button7==LOW &
Button8==LOW){</div><div style="color: black; font-family: times;">
lcd.clear();</div><div style="color: black; font-family: times;"> lcd.setCursor(0,
0);</div><div style="color: black; font-family: times;"> lcd.print("Silahkan
Tekan");</div><div style="color: black; font-family: times;"> lcd.setCursor(0,
1);</div><div style="color: black; font-family: times;"> lcd.print("Salah Satu
SW");</div><div style="color: black; font-family: times;"> }</div><div style="color:
black; font-family: times;"> else{</div><div style="color: black; font-family:
times;"> lcd.clear();</div><div style="color: black; font-family: times;">
 lcd.setCursor(0, 0);</div><div style="color: black; font-family: times;">
 lcd.print("Error");</div><div style="color: black; font-family: times;">
}</div><div style="color: black; font-family: times;"> delay(100); // Tambahkan
penundaan agar tampilan tidak berubah terlalu cepat</div><div style="color: black; font-family:
times;"> }</div><div>
</div></div></div><div>
</div></div></div><div><b
style="text-align: left;">
</div><div><span style="text-align:
left;"><div>5. Video Demo <span style="color:
#38761d;">[Kembali]</div><div><div class="separator" style="clear:
both; text-align: center;"><iframe allowfullscreen="" class="BLOG_video_class" height="266"
src="https://www.youtube.com/embed/LPqILWmEBv4" width="320"
youtube-src-id="LPqILWmEBv4"></iframe></div>
<div class="separator" style="clear:
both; text-align: center;">
</div></div></div><p style="text-align: justify;"><b
style="text-align: left;">6. Kondisi [Kembali]</p><div
style="text-align: justify;"><b style="background-color: white; font-size: 15.4px; text-align:
left;">Ketika Switch SPDT ditekan akan dibaca
oleh Arduino dan, arduino akan memberikan perintah untuk menampilkan hasil tersebut pada
LCD</div><div style="text-align: justify;"><span style="background-color: white;
font-family: Georgia, Utopia, "Palatino Linotype", Palatino, serif; font-size: 15.4px;
text-align: left;">
</div><div style="text-align: -webkit-center;"><p></p><div><b style="text-align: left;"><div
style="font-weight: 400; text-align: -webkit-center;"><span style="text-align:
left;"><p style="text-align: justify;"><b style="text-align: left;">7. Download File <span style="color:
#38761d;">[Kembali]</p><p style="text-align: justify;">HTML <a
href="https://drive.google.com/uc?export=download&id=1o0KOapdfGaUkVWE4R2BWdX
E9he_-WxZ" style="font-weight: 400;">klik
disini</p><p style="text-align: justify;">- Gambar
Hardware <a
href="https://drive.google.com/file/d/https://drive.google.com/uc?export=download&id=1G

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[illegible]

<br /></span></p><p style="text-align: left;"><span style="font-family: times;"><br /></span></p><p style="text-align: left;"><br /></p></center>