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<div style="text-align: center;"><a href="#"><span style="font-family: times;">[KEMBALI KE MENU  
SEBELUMNYA]</span></a></div><div style="text-align: center;"><span style="font-family:  
times;"><br /></span></div>
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<center>
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auto; padding: 10px; text-align: center; width: 330px;">
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<span style="font-family: times;"><b><a name="home">DAFTAR ISI</a></b>
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<br />
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</span><div style="text-align: left;">
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<a href="#P"><span style="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="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="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="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="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="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="font-family: times;">7. Download File</span></a></div></div><div
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```
style="text-align: center;"><br /></div><div style="text-align: center;"><b>Percobaan
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6</b></div><div style="text-align: center;"><b>Switch SPDT dan LCD</b></div><p style="text-align:
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```
justify;"><b style="text-align: left;"><span style="font-family: times; font-size: small;">1.
```

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Prosedur&nbsp;<a href="#home">[Kembali]</a></span></b></p><div style="text-align: justify;"><b
```

```
style="text-align: left;"><ul style="background-color: white; font-family: times; font-size: 15.4px;
```

```
font-weight: 400; line-height: 1.4; margin: 0.5em 0px; padding: 0px 2.5em;"><li style="margin: 0px
```

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0px 0.25em; padding: 0px;"><span style="border: 0px; box-sizing: border-box; margin: 0px; padding:
```

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0px;">Rangkai semua komponen&nbsp;</span></li><li style="margin: 0px 0px 0.25em; padding:
```

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0px;">Buat program di aplikasi arduino IDE</li><li style="margin: 0px 0px 0.25em; padding:
```

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0px;">Setelah selesai masukkan program ke arduino&nbsp;</li><li style="margin: 0px 0px 0.25em;
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padding: 0px;">Jalankan program pada simulasi dan cobakan dengan modul</li><li style="margin:
```

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0px 0px 0.25em; padding: 0px;">Lihat hasil LCD apakah sesuai dengan warna switch yang
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ditekan</li></ul></b></div><div style="text-align: justify;"><b style="text-align: left;"><br
```

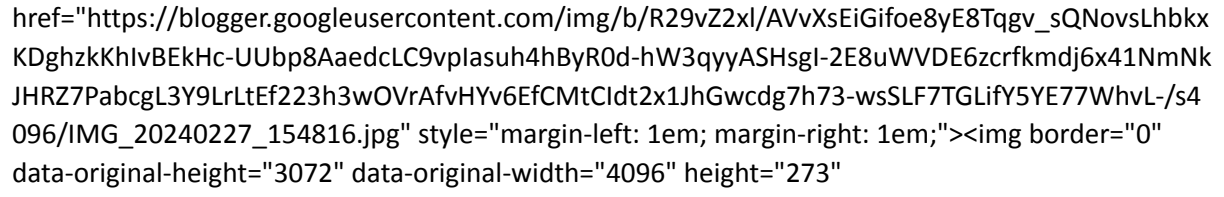
```
/></b></div><div><span style="font-family: times; text-align: left;"><div style="font-weight: bold;
```

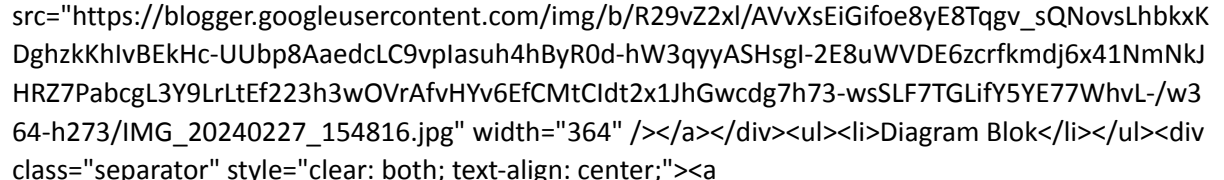
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text-align: justify;"><b style="text-align: left;"><span><span><a name="H">2. Hardware dan Diagram
```

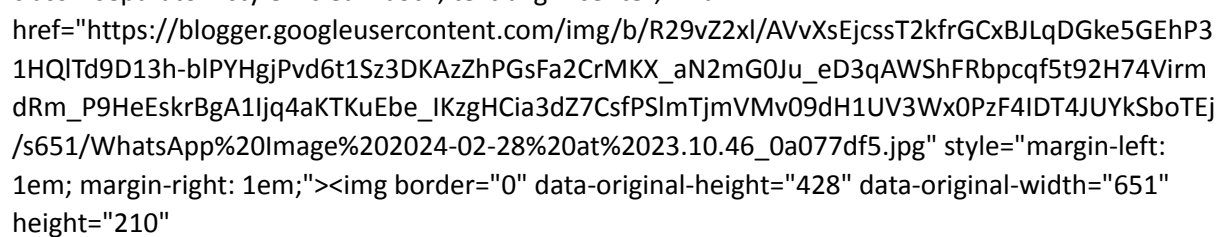
Blok

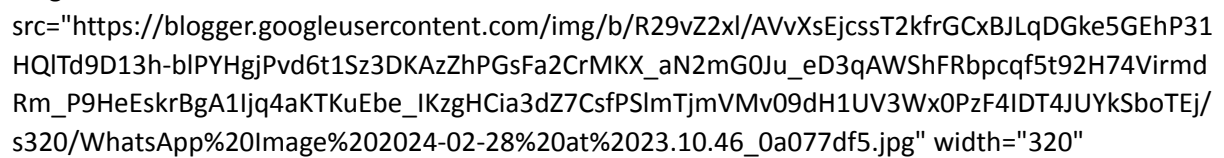
[\[Kembali\]](#)

- Hardware







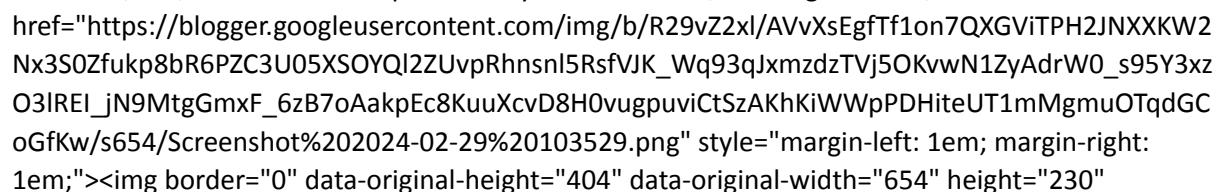


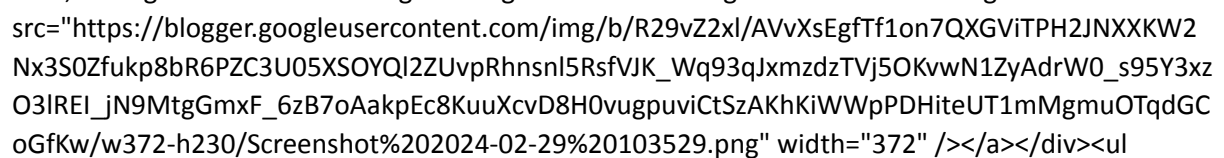
R

3. Rangkaian Simulasi dan Prinsip Kerja

[\[Kembali\]](#)

- Rangkaian Simulasi





- Prinsip Kerja

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.

FL

4. Flowchart dan Listing Program

[\[Kembali\]](#)

- Flowchart

4. Flowchart dan Listing Program

href="https://blogger.googleusercontent.com/img/b/R29vZ2xl/AVvXsEiXKOYSwd3L-SUrUS5Nls9KNz0Q30R-Tmh0ZYQUYbtHAT4WyTpNQwyKJijLN9Do0pzOwP6wKTFU8KMS7nEW9ZbCDv_gD6SFI5-JBLsmTuvYKDLleqPNac-0eF6e237YF68JPrxDXEuO6EmBRVypTiCfxpA7smxcp2viZPtsc_kYTCs1-WSBgnnZNV9DxbW/s437/Screenshot%202024-02-29%20103634.png" style="margin-left: 1em; margin-right: 1em;"/>

[illegible]

```

style="background-color: white; font-size: 15px;">&nbsp; &nbsp;lcd.clear();</div><div
style="background-color: white; font-size: 15px;">&nbsp; &nbsp;lcd.setCursor(0, 1);</div><div
style="background-color: white; font-size: 15px;">&nbsp; &nbsp;lcd.print("Putih");</div><div
style="background-color: white; font-size: 15px;">&nbsp; &nbsp;}</div><div style="background-color:
white; font-size: 15px;">&nbsp; &nbsp;else if(Button1==LOW & Button2==LOW & Button3==LOW
& Button5==LOW & Button5==LOW & Button6==LOW & Button7==LOW &
Button8==LOW){</div><div style="background-color: white; font-size: 15px;">&nbsp;
lcd.clear();</div><div style="background-color: white; font-size: 15px;">&nbsp; lcd.setCursor(0,
0);</div><div style="background-color: white; font-size: 15px;">&nbsp; lcd.print("Silahkan
Tekan");</div><div style="background-color: white; font-size: 15px;">&nbsp; lcd.setCursor(0,
1);</div><div style="background-color: white; font-size: 15px;">&nbsp; lcd.print("Salah Satu
SW");</div><div style="background-color: white; font-size: 15px;">&nbsp; &nbsp;}</div><div
style="background-color: white; font-size: 15px;">&nbsp; &nbsp;else{</div><div style="background-color:
white; font-size: 15px;">&nbsp; &nbsp;lcd.clear();</div><div style="background-color: white;
font-size: 15px;">&nbsp; &nbsp;lcd.setCursor(0, 0);</div><div style="background-color: white;
font-size: 15px;">&nbsp; &nbsp;lcd.print("Error");</div><div style="background-color: white;
font-size: 15px;">&nbsp; &nbsp;}</div><div style="background-color: white; font-size: 15px;">&nbsp;
delay(100); // Tambahkan penundaan agar tampilan tidak berubah terlalu cepat</div><div
style="background-color: white; font-size: 15px;">&nbsp;}</div></div><br /></div><div><span
style="text-align: left;"><div><b><span><span><a name="VD">5. Video Demo</a></span>&nbsp;<a
href="#home">[Kembali]</a></span></b></div><div><ul style="text-align:
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src="https://www.youtube.com/embed/jQwAhBPJvX8" width="320"
youtube-src-id="jQwAhBPJvX8"></iframe></div><br /><div class="separator" style="clear: both;
text-align: left;"><ul style="text-align: left;"><li>Percobaan</li></ul><div class="separator"
style="clear: both; text-align: center;"><iframe allowfullscreen="" class="BLOG_video_class"
height="266" src="https://www.youtube.com/embed/rSNEzIFBW2w" width="320"
youtube-src-id="rSNEzIFBW2w"></iframe></div></div></div></span></div><p style="text-align:
justify;"><b style="text-align: left;"><span><span><a name="K">6. Kondisi</a></span>&nbsp;<a
href="#home">[Kembali]</a></span></b></p><p style="text-align: justify;"><b style="text-align:
left;"><span style="background-color: white; font-size: 15px; font-weight: 400;">Ketika Switch SPDT
ditekan akan dibaca oleh Arduino dan, arduino akan memberikan perintah untuk menampilkan hasil
tersebut pada LCD</span></b></p><p style="text-align: justify;"><b style="text-align: left;"><span
style="background-color: white; font-size: 15px; font-weight: 400;"><br /></span></b></p><div
style="text-align: -webkit-center;"><span style="text-align: left;"><span><span><p></p><div><b
style="text-align: left;"><div style="font-weight: 400; text-align: -webkit-center;"><span
style="text-align: left;"><span><span><p style="text-align: justify;"><b style="text-align:
left;"><span><span><a name="L">7. Download File&nbsp;</a></span><a
href="#home">[Kembali]</a></span></b></p><p style="text-align: justify;"><b><span
style="font-weight: 400;">HTML&nbsp;</span><a
href="https://drive.google.com/uc?export=download&id=1o0KOapdfGaUkVWE4R2BWdXE9he-
_WxZ" style="font-weight: 400;">klik disini</a></b></p><p style="text-align: justify;"><span>-
Gambar Hardware&nbsp;</span><span>&nbsp;</span><a
href="https://drive.google.com/file/d/1onYf6oxueB9etYS6K6u-5z_wWoCeQnvB/view?usp=drive_link
">klik disini</a></p><p style="text-align: justify;"><span>- Gambar
Simulasi&nbsp;</span><span>&nbsp;</span><a
href="https://drive.google.com/file/d/1UIYG65FW20L8r46Xn3HH5Cz3QijLf2i2/view?usp=drive_link"

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>klik disini</p><p style="text-align: justify;">- Video
Demo klik
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style="text-align: justify;">- Listring Program <span style="text-align:
justify;"> <a
href="https://drive.google.com/file/d/1jcevWnkZotxBKZDuKv0NOdBO9M9OgcNt/view?usp=drive_li
nk" style="text-align: justify;">klik disini</div><p style="text-align: left;"><span
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style="font-family: times;">
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