

```
<div><br /></div>
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```
<div style="text-align: center;"><a
href="https://syarif213034.blogspot.com/2023/06/kembali-ke-menu-sebelumnya-daftar-isi-1.html">
[KEMBALI KE MENU SEBELUMNYA]</a></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;">
```

```
<b><a name="home">DAFTAR ISI</a></b>
```

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<br />
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<div style="text-align: left;">
```

```
<a href="#F">1. Foto Hardware dan Diagram Blok</a></div>
```

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<div style="text-align: left;">
```

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<a href="#P">2. Prosedur Percobaan</a></div>
```

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<div style="text-align: left;">
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<a href="#R">3. Rangkaian Simulasi dan Prinsip Kerja</a></div>
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<div style="text-align: left;">
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<a href="#FL">4. Flowchart dan Listing Program</a></div>
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<div style="text-align: left;">
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<a href="#K">5. Kondisi</a></div>
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<div style="text-align: left;">
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<a href="#V">6. Video Praktikum</a></div>
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<div style="text-align: left;">
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<a href="#L">7. Link Download</a></div>
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<div style="text-align: left;">
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</div></div>
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<h1 style="text-align: center;"><b style="text-align: left;"><span style="font-family: inherit; font-size:
medium;"><span>Percobaan 1</span></span></b></h1><div><b style="text-align: left;"><span
style="font-family: inherit; font-size: medium;"><span>ADC-Sensor LDR dengan
LCD&nbsp;  </span></span></b></div><h3 style="text-align: justify;"><b style="text-align:
left;"><span style="font-family: inherit; font-size: medium;"><span><a name="F">1. Foto Hardware
dan Diagram Blok</a></span>&nbsp; <a href="#home">[Kembali]</a></span></b></h3><div
```


</div><div style="text-align: justify;">Diagram Blok:</div><div style="text-align: justify;"><div class="separator" style="clear: both; text-align: center;">
</div>

<div class="separator" style="clear: both; text-align: center;"><div class="separator" style="clear: both; text-align: center;"></div></div><div class="separator" style="clear: both; text-align: center;"><div class="separator" style="clear: both; text-align: center;">
</div>
</div></div><div><div class="separator" style="clear: both; text-align: center;"><h3 style="font-weight: bold; text-align: justify;"><b style="text-align: left;">2. Prosedur Percobaan [Kembali]</h3><div><b style="text-align: left;"><+Rangkai semua komponen</div><div>+ buat program di aplikasi arduino IDE</div><div>+ setelah selesai masukkan program ke arduino</div><div>+ jalankan program pada simulasi dan cobakan dengan modul</div><div><b style="text-align: left;">
</div><div>3. Rangkaian Simulasi dan Prinsip Kerja [Kembali]</div><div><div style="text-align: right;">
</div><div style="text-align: left;"><div class="separator" style="clear: both; text-align: center;"></div>
</div><div class="separator" style="clear: both; text-align: center;">
</div><div style="text-align: justify;"><div class="separator" style="clear: both; font-family: times, "times new roman"; serif; font-weight: 400; text-align: center;">
</div></div></div><div><h3 style="font-weight: bold; text-align: justify;"><b style="text-align: left;">4. Flowchart dan Listing Program [Kembali]</h3><div>Flowchart :</div><div>
</div><div><div>

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

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#434f54;">)/span>)/span>/div><div><span style="background-color: #01ffff; color:
#434f54;">}/span>/div><span style="background-color: #01ffff;"><br />/span><div><span
style="background-color: #01ffff;"><span style="color: #00979d;">void/ span> <span style="color:
#d35400;">loop/ span><span style="color: #434f54;">)/span> <span style="color:
#434f54;">{/span>/span>/div><div><span style="background-color: #01ffff; color:
#95a5a6;">&nbsp; // put your main code here, to run repeatedly:/span>/div><div><span
style="background-color: #01ffff;"><span style="color: #00979d;">int/ span> s1 = <span
style="color: #d35400;">digitalRead/ span><span style="color: #434f54;">)/span>sw1<span
style="color: #434f54;">)/span>/span>/div><div><span style="background-color:
#01ffff;"><span style="color: #00979d;">int/ span> s2 = <span style="color:
#d35400;">digitalRead/ span><span style="color: #434f54;">)/span>sw2<span style="color:
#434f54;">)/span>/span>/div><div><span style="background-color: #01ffff;"><span
style="color: #00979d;">int/ span> s3 = <span style="color: #d35400;">digitalRead/ span><span
style="color: #434f54;">)/span>sw3<span style="color:
#434f54;">)/span>/span>/div><div><span style="background-color: #01ffff;"><span
style="color: #00979d;">int/ span> s4 = <span style="color: #d35400;">digitalRead/ span><span
style="color: #434f54;">)/span>sw4<span style="color:
#434f54;">)/span>/span>/div><div><span style="background-color: #01ffff;"><span
style="color: #00979d;">int/ span> ldr = <span style="color: #d35400;">analogRead/ span><span
style="color: #434f54;">)/span>A0<span style="color:
#434f54;">)/span>/span>/div><div><span style="background-color: #01ffff;"><span
style="color: #728e00;">if/ span><span style="color: #434f54;">)/span>s1 == HIGH<span
style="color: #434f54;">)/span>/span>/div><div><span style="background-color:
#01ffff;">&nbsp; <span style="color: #728e00;">if/ span><span style="color: #434f54;">)/span>s2
== HIGH & & <span style="color: #434f54;">)/span>( <span>s3 & & s4<span
style="color: #434f54;">)/span>==LOW<span style="color:
#434f54;">)/span>)/span>/div><div><span style="background-color: #01ffff;">&nbsp; &nbsp; &nbsp;
<span style="color: #d35400;">lcd/ span>.<span style="color: #d35400;">clear/ span><span
style="color: #434f54;">)/span>/span>/div><div><span style="background-color:
#01ffff;">&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>/span>/div><div><span style="background-color: #01ffff;">&nbsp; &nbsp; &nbsp;
<span style="color: #d35400;">lcd/ span>.<span style="color: #d35400;">print/ span><span
style="color: #434f54;">)/span>ldr<span style="color:
#434f54;">)/span>/span>/div><div><span style="background-color: #01ffff;">&nbsp; &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;">1/ span><span style="color: #434f54;">)/span>/span>/div><div><span
style="background-color: #01ffff;">&nbsp; &nbsp; <span style="color: #d35400;">lcd/ span>.<span
style="color: #d35400;">print/ span><span style="color: #434f54;">)/span><span style="color:
#005c5f;">"The LDR Value"/ span><span style="color:
#434f54;">)/span>/span>/div><div><span style="background-color: #01ffff;">&nbsp; &nbsp; &nbsp;
<span style="color: #d35400;">delay/ span><span style="color: #434f54;">)/span><span
style="color: #005c5f;">200/ span><span style="color:
#434f54;">)/span>/span>/div><div><span style="background-color: #01ffff;">&nbsp; &nbsp; &nbsp;
</span>/div><div><span style="background-color: #01ffff;">&nbsp; <span style="color:
#434f54;">)/span><span style="color: #728e00;">else/ span> <span style="color:

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[illegible]

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[klik disini](https://drive.google.com/uc?export=download&id=1tTKjWVf4cWTgfToh0HFSEajA5Z85HUFu)
▶ Video Percobaan ▶ [klik disini](https://drive.google.com/uc?export=download&id=1p8ntPiJ7WW9SMREH0Elz8wjumMt771qp)

[▶](https://drive.google.com/uc?export=download&id=196ANuKXN8cABISPPpbU2ovigvaww h7No) **▶** [Rangkaian Simulasi](https://drive.google.com/uc?export=download&id=1RTYfxxB6vcMnpmRnqn6akWc-jD7DWqp)

[▶](https://drive.google.com/uc?export=download&id=1RTYfxxB6vcMnpmRnqn6akWc-jD7DWqp)
[▶](https://drive.google.com/uc?export=download&id=1RTYfxxB6vcMnpmRnqn6akWc-jD7DWqp)