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<div style="text-align: center;"><a href="https://nuruli212007.blogspot.com/p/modul-1-up-uc.html">[KEMBALI KE MENU SEBELUMNYA]</a></div>
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<center>
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<b><a name="home">DAFTAR ISI</a></b>
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<br />
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<div style="text-align: left;">
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<a href="#p">1. Prosedur</a></div>
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<a href="#hd">2. Hardware dan Diagram Blok</a></div>
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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="#fp">4. Flowchart dan Listing Program</a></div>
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<a href="#k">5. Kondisi</a></div>
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<a href="#v">6. Video Simulasi</a></div>
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<div style="text-align: left;">
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<a href="#d">7. Link Download</a></div>
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<h1 style="text-align: center;"><b style="text-align: left;"><span style="font-family: inherit;
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font-size: medium;"><span>Percobaan II Kondisi 1</span></b></h1><h3
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font-family: times, &quot;times new roman&quot;, serif; text-align: start;"><a name="p">1.
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Prosedur&nbsp;</a></b><span style="background-color: white; font-family: times,
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&quot;times new roman&quot;, serif; font-weight: 400; text-align: start;"><a name="Prosedur" style="background-color: white; font-family: times, &quot;times new roman&quot;, serif; font-weight: 400; text-align: start;"></a><span style="background-color: white; font-family: times, &quot;times new roman&quot;, serif; font-weight: 400; text-align: start;"></span><a href="#top" style="background-color: white; font-family: times, &quot;times new roman&quot;, serif; font-weight: 400; text-align: start; text-decoration-line: none;"><span style="color: #2b00fe;">[Kembali]</span></a></span></h3><div style="text-align: left;"><span face="Arial, Tahoma, Helvetica, FreeSans, sans-serif" style="background-color: white; font-size: 13.2px;">1. Rangkai rangkaian di proteus sesuai dengan kondisi percobaan.</span><br style="background-color: white; font-family: Arial, Tahoma, Helvetica, FreeSans, sans-serif; font-size: 13.2px;" /><span face="Arial, Tahoma, Helvetica, FreeSans, sans-serif" style="background-color: white; font-size: 13.2px;">2. Tulis program untuk arduino di software Arduino IDE.</span><br style="background-color: white; font-family: Arial, Tahoma, Helvetica, FreeSans, sans-serif; font-size: 13.2px;" /><span face="Arial, Tahoma, Helvetica, FreeSans, sans-serif" style="background-color: white; font-size: 13.2px;">3. Compile program tadi, lalu upload ke dalam arduino.</span><br style="background-color: white; font-family: Arial, Tahoma, Helvetica, FreeSans, sans-serif; font-size: 13.2px;" /><span face="Arial, Tahoma, Helvetica, FreeSans, sans-serif" style="background-color: white; font-size: 13.2px;">4. Setelah program selesai di upload,
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jalankan simulasi rangkaian pada proteus.</div><h3 style="text-align: justify;"><b style="background-color: white; font-family: times, "times new roman", serif; text-align: start;">2. Hardware dan Diagram Blok [Kembali]</h3><div style="text-align: left;"><div style="background-color: white; font-family: Arial, Tahoma, Helvetica, FreeSans, sans-serif; font-size: 13.2px;"><div class="separator" style="clear: both; font-family: "Times New Roman"; text-align: center;"></div><div style="font-family: "Times New Roman",">
</div><div style="font-family: "Times New Roman",">
</div><div style="font-family: "Times New Roman","><div class="separator" style="clear: both; text-align: center;"></div><div>
</div>
2. Push Button</div><div style="font-family: "Times New Roman",">
</div><div class="separator" style="clear: both; font-family: "Times New Roman"; text-align: center;"><a href="https://blogger.googleusercontent.com/img/b/R29vZ2xl/AVvXsEgX5imHok-BlaDTT_4zC5jevsBtiw0DxN61WZ31hS577I2IFiBvws0D9eZalStschpRoPhrfatGPLw4D74cpW1nwNI2bzHbX2UQBaT1LvKV40Yn9kk8jiXh28OC3G5vN-q6XO416Szej7VK7Qq-fLNr2dvkZM5oJlgUlu1PfUr_d6dwokZUDrv4P8_bKY8/s1000/61HSIEOd0fL._AC_UF1000,1000_QL80_.jpg"

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</div><div style="font-family: "Times New Roman";">
</div><div style="font-family: "Times New Roman";"><div class="separator" style="clear: both; text-align: center;"></div><div class="separator" style="clear: both; text-align: center;">
</div>
3. Seven Segment 2 Digit</div><div style="font-family: "Times New Roman";">
</div><div class="separator" style="clear: both; text-align: center;"></div><div class="separator" style="clear: both; text-align: center;">
</div><div class="separator" style="clear: both; text-align: center;">
</div><div class="separator" style="clear: both; text-align: center;"><a href="https://blogger.googleusercontent.com/img/b/R29vZ2xl/AVvXsEiHv01IBu2MXbELmLTgqn-R4IHlIkXo_bXPOyKHUWjFVJeURjhkbA-Qf2kEQxVFWab5dd_Z3QhEEyuHTepxDh4ISySnhme8ldliLDBGbNrhC0ew1GPEDVn93EPASUBLiTagyCRDjnFDqOkxr85HUvT25guDSyr

3kbtI6POFIcfxXNU8oLB_i7fVDGH99o/s198/7%20seg%20%20digiti.jpg" style="color: #280f53; margin-left: 1em; margin-right: 1em; text-decoration-line: none;"/>
[/a></div>
<div class="separator" style="clear: both; text-align: center;">
</div><div class="separator" style="clear: both; font-family: "Times New Roman"; text-align: center;">
</div></div><div style="background-color: white; font-family: Arial, Tahoma, Helvetica, FreeSans, sans-serif; font-size: 13.2px;">Blok Diagram :</div><div style="background-color: white; font-family: Arial, Tahoma, Helvetica, FreeSans, sans-serif; font-size: 13.2px;">
</div><div style="background-color: white; font-family: Arial, Tahoma, Helvetica, FreeSans, sans-serif; font-size: 13.2px;"><div class="separator" style="clear: both; text-align: center;">!\[\]\(34c5d6a15de5cee4fef2fa4252527f03_img.jpg\)
\[/a></div><div>
</div></div><h3 style="text-align: justify;"><b style="background-color: white; font-family: times, "times new roman";, serif; text-align: start;">3. Rangkaian Simulasi dan Prinsip Kerja \\[Kembali\\]</h3><div><div class="separator" style="clear: both; text-align: center;"><div class="separator" style="clear: both; text-align: center;">\]\(https://blogger.googleusercontent.com/img/b/R29vZ2xl/AVvXsEgvtHOS0wr1r0yFa9OAPcUgW17M5I2w17iPyVNMK7aQctEzXGWHRSACzGqaAzLRg46LPgmJCQtzllrnshZcu8HE459hWJf6pcGEL4NfMmsypHQSQEIZxMmoRg1hTyUZaalNVsPi6GI37miB6vmtS-3EjhAuNc4SiabeFslQw-KXY-f9_eP-iz0Qg40iZxY/w640-h85/blok%20diag_TP_M1_perc%20%20Kond%201.png\)](https://blogger.googleusercontent.com/img/b/R29vZ2xl/AVvXsEiHv011Bu2MXbELmLTgqn-R4IHILikXo_bXPOyKHUWjFVJeURjhkbA-Qf2kEQxVFWab5dd_Z3QhEEyuHTepxDh4ISySnhme8ldliLDBGbNrhC0ew1GPEDVn93EPASUBLiTagyCRDjnFDqOkxr85HUvT25guDSyr3kbtI6POFIcfxXNU8oLB_i7fVDGH99o/s1600/7%20seg%20%20digiti.jpg)

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src="https://blogger.googleusercontent.com/img/b/R29vZ2xl/AVvXsEgVIN1Tzbtjto5LijJ46WjxQ9wnSJR3T4ZyeFnPY1UiGz6YjPU_4E_a1RzEEdgPeetywLs2znjic86cODtueupp5GKDc9fOELzFPJtUVvvhMQi8pc7LKBb0GzINEnDr6h64UJFaGpuEcXcDXZCvYc3SLcFDh0KgUJzybmyA5VqLkqB68Ircp0onR9QvfhKhk/s320/Screenshot%202024-03-02%20231444.png" width="320" /></div>
<div class="separator" style="clear: both; text-align: left;">Prinsip kerja:</div><div class="separator" style="clear: both; text-align: left;">
</div><div class="separator" style="clear: both; text-align: left;">Pada rangkaian diatas adalah bentuk simulasi dari percobaan 2 kondisi 1 yang mana perintahnya adalah ketika button kolom 1 baris 1 ditekan maka akan menampilkan angka 3 pada seven segmen. Pada rangkaian row atau baris terpasang ke kaki A4, A3, A2, A1 pada arduino sedangkan Collom terpasang pada kaki 10, 11, 12, 13 pada arduino. ketika button ditekan, maka arus akan mengalir dari kaki pada A1/A2/A3/A4 menuju kaki 10, 11, 12, 13 sesuai button yang ditekan. disini karena kita mensimulasikan kondisi 5 di percobaan 2 maka ketika menekan button pada baris 1 kolom 1 maka akan menghubungkan kaki A4 menuju kaki 10. sesuai perintah pada program maka akan menampilkan angka 3 pada seven segmen yang terpasang pada kaki 9, 8, 7, 6, 5, 4, 3, 2 arduino.</div></div></div><h3 style="text-align: justify;"><div style="background-color: white; font-family: Arial, Tahoma, Helvetica, FreeSans, sans-serif; font-weight: 400; text-align: start;">4. Flowchart dan Listing Program [Kembali]</div><div style="background-color: white; font-family: Arial, Tahoma, Helvetica, FreeSans, sans-serif; font-weight: 400; text-align: start;">
</div><div style="background-color: white; font-family: Arial, Tahoma, Helvetica, FreeSans, sans-serif; font-weight: 400; text-align: start;"><div style="font-size: 13.2px;">Flowchart :</div><div class="separator" style="clear: both; font-size: 13.2px; text-align: center;">
</div><div class="separator" style="clear: both; font-size: 13.2px; text-align: center;">
</div><div class="separator" style="clear: both; font-size: 13.2px; text-align: center;"></div><div>
</div></div></h3><h3 style="text-align: justify;"><div style="background-color: white; font-family: Arial, Tahoma, Helvetica, FreeSans, sans-serif; font-weight: 400; text-align: start;"><b style="font-family: times, "times new roman", serif;">5.</div>

