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<a name="home">
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<br />
<div style="text-align: center;">
<a href="https://chalisa212043.blogspot.com/p/modul-4.html">[KEMBALI KE MENU
SEBELUMNYA]</a></div>
<br />
<center>
<div style="background-color: white; border: 2px dashed rgb(23, 128, 221); height: 240px; overflow:
auto; padding: 10px; text-align: center; width: 330px;">
<b>DAFTAR ISI</b>
<br />
<div style="text-align: left;">
<a href="#Prosedur">1. Prosedur</a></div>
<div style="text-align: left;">
<a href="#Hardware">2. Hardware dan Diagram Blok</a></div>
<div style="text-align: left;">
<a href="#Rangkaian">3. Rangkaian Simulasi dan Prinsip Kerja</a></div>
<div style="text-align: left;">
<a href="#Flowchart">4. Flowchart dan Listing Program</a></div>
<div style="text-align: left;">
<a href="#Kondisi">5. Kondisi</a></div>
<div style="text-align: left;">
<a href="#Simulasi">6. Video Simulasi</a></div>
<div style="text-align: left;">
<a href="#Download">7. Download File</a><br />
</div><div style="text-align: left;"><br /></div>
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</center>
<span style="font-family: &quot;times&quot; , &quot;times new roman&quot; , serif;"><span
style="font-family: &quot;times&quot; , &quot;times new roman&quot; , serif; font-size:
small;"><b><div><br /></div><div><span style="font-family: &quot;times&quot; , &quot;times new
roman&quot; , serif;"><span style="font-family: &quot;times&quot; , &quot;times new roman&quot;
```

, serif; font-size: small;">
</div><div>
</div>1. Prosedur

[Kembali]</div><div>
</div><div><b style="background-color: white; font-family: Georgia, Utopia, "Palatino Linotype", Palatino, serif; font-size: 15.4px;"><p style="font-weight: 400; text-align: justify;">1. </p><p style="font-weight: 400; text-align: justify;">2. Buat program menggunakan Arduino IDE.</p><p style="font-weight: 400; text-align: justify;">3. Compile program yang telah dibuat lalu Upload ke dalam Arduino Uno.</p><p style="font-weight: 400; text-align: justify;">4. Saat Proses Penguploadan porgram, lepas pin rx tx pada arduino master dengan arduino slave</p><p style="font-weight: 400; text-align: justify;">5. Uji coba program pada rangkaian percobaan sesuai dengan kondisi yang diinginkan.</p><div style="font-weight: 400; text-align: justify;"><div style="text-align: left;">6. Selesai</div><div style="text-align: left;">
</div></div></div></div></div>

2. Hardware dan Diagram Blok

[Kembali]</div><div>
</div><div>Hardware :</div><div>Arduino Uno</div><div>
</div><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></div><div>
</div><div>
</div><div class="separator" style="clear: both; text-align: center;"><div style="background-color: white; color: #4e4e4e; font-family: Arial, Tahoma, Helvetica, FreeSans, sans-serif; font-size: 13.2px; text-align: start;">Push Button</div><div style="background-color: white; color: #4e4e4e; font-family: Arial, Tahoma, Helvetica, FreeSans, sans-serif; font-size: 13.2px;

[Kembali]</div><div>
</div><div>Flowchart :</div><div>
</div><div><b style="font-family: times, "times new roman"; serif;"><i>Master</i></div><div><b style="font-family: times, "times new roman"; serif;"><i>
</i></div><div><b style="font-family: times, "times new roman"; serif;"><div class="separator" style="clear: both; text-align: center;"></div>
</div><div><b style="font-family: times, "times new roman"; serif;"><i> Slave</i></div><div><b style="font-family: times, "times new roman"; serif;"><i>
</i></div><div><b style="font-family: times, "times new roman"; serif;"><div class="separator" style="clear: both; text-align: center;"></div>
</div><div>Listing Program

:</div><div>
</div><div><i>Master</i></div><div>
</div><div><div><pre style="background-color: white;">//MASTER

#define DS1 2

#define DS2 3

#define DS3 4

#define DS4 5

#define DS5 6

#define DS6 7

#define DS7 8

```

#define DS8 9

void setup()
{
  Serial.begin(9600);
  pinMode(DS1, INPUT);
  pinMode(DS2, INPUT);
  pinMode(DS3, INPUT);
  pinMode(DS4, INPUT);
  pinMode(DS5, INPUT);
  pinMode(DS6, INPUT);
  pinMode(DS7, INPUT);
  pinMode(DS8, INPUT);
}

void loop()
{
  int count = 0;

  for (int pin = DS1; pin <= DS8; pin++) {
    count += digitalRead(pin);
  }

  if (count == 1)
  {
    Serial.write('A');
  }

  else if (count == 4)
  {
    Serial.write('B');
  }

  delay(20);
}

```

}

/-->

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