

<p><br /></p><p style="text-align: center;"><b>LAPORAN AKHIR 1</b>&nbsp;</p>

<a name="home">

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<div style="text-align: center;">

<a href="#">[KEMBALI KE MENU SEBELUMNYA]</a></div>

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<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>

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

<a href="#kondisi">1. Jurnal</a></div>

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

<a href="#hardware">2. Alat dan Bahan</a></div>

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

<a href="#rangkaian">3. Rangkaian Simulasi</a></div>

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

<a href="#flowchart">4. Prinsip Kerja Rangkaian</a></div>

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

<a href="#listing">5. Video Rangkaian</a></div>

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

<a href="#video">6. Analisa</a></div>

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

<a href="#prinsip">7. Link Download</a><br />

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<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><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><br /></b></span></span></div>1. Jurnal</b>

<a name="kondisi"></a>

<a href="#home">[Kembali]</a></span></span><div><span style="font-family: times, times new roman, serif;"><br /></span><div class="separator" style="clear: both; text-align: center;"><a href="https://blogger.googleusercontent.com/img/b/R29vZ2xl/AVvXsEg6g\_ZwjQpXyi3r0seWkh03b2dSUuudV2Sx0yzsc9rrTMnDDt\_0L0rkMvwzJKWkF\_Y78vZasKseBAENaESTsU9Zo-3hcycUGnIvUh\_5K03Fck74fyslGt0EKnmMnLiBOao\_9ur9ofaQb87SlweBGFUY57wGxVjaigTF2n9rWI0t-YxfJyh-pcbOiQDUA/s1599/WhatsApp%20Image%202023-05-26%20at%2013.47.05%20(1).jpeg" style="margin-left: 1em; margin-right: 1em;"></a></div><div class="separator" style="clear: both; text-align: center;"><br /></div><div style="margin-left: 1em; margin-right: 1em; text-align: center;"><a href="https://blogger.googleusercontent.com/img/b/R29vZ2xl/AVvXsEi4qw5ZciQ8EjzVlKxT4oBYY7o4acuHFo\_61BzB7BlksBY\_eENY03SCQMFWKPilx9TrKzxwlygyytn3kB3C2cwOvu1PaEvPCItKE5tKneOZ33vvWRYnHM4hO\_s1iQwOSI9482Hry9sOYgzurOvbv4x\_0uWuxZooeMhrSFS5B-nVuJG42uKx1AYnFrX4/s1600/WhatsApp%20Image%202023-05-26%20at%2013.47.05%20(2).jpeg" style="margin-left: 1em; margin-right: 1em;"></a></div><div><div><br /></div><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;"><b>2. Hardware</b>&nbsp;<a name="hardware"></a><a href="#home">[Kembali]</a></span></span></div><div><span style="font-family: times, times new roman, serif;"><br /></span></div><div><div class="separator" style="clear: both; text-align: center;"><a

href="https://blogger.googleusercontent.com/img/b/R29vZ2xl/AVvXsEifK4goSCBnHW\_Tew29BZhQrAgQQtIWHmJSIPb3QlmdYrduHKx3OsdGv78i9iYLuaxUEjRVgVJ6As2RTN9X1OYB4LI-Qa5CAwC8RAgelqv2jMPVYcsZy\_2KbE6vrC\_1ml2v7RYXN8g8NtJzVLVdOsJXDM\_rZuhobqUIwNtBbNqMy1mO4ZKredOIWLoo/s320/g%203.0.png" style="margin-left: 1em; margin-right: 1em;"></a></div></div><div class="separator" style="clear: both; text-align: center;">Gambar 1. Module De Lorenzo</div><div><span style="font-family: times, times new roman, serif;"><br /></span></div><div class="separator" style="clear: both; text-align: center;"><a

href="https://blogger.googleusercontent.com/img/b/R29vZ2xl/AVvXsEh0iAGUy90JhJPJx54pLGmMULRfSAblXnUqleW2WSprocv-la4Odl-6XaWOXEzlcUt-yAufiZ2EngpjOatABF4yMmlzd-YH63mLO1j3UXVdasvZT\_b9zYhlwv49u9AoRCjkRSFLh3Z-VOyetqE0QQBPvqUPVTzkC2egRmRBb8J9NOLJ4EEfYjHeK-N/s303/g%203.1.png" style="margin-left: 1em; margin-right: 1em;"></a></div><div class="separator" style="clear: both; text-align: center;">Gambar 2. Jumper</div><div><span style="font-family: times, times new roman, serif;"><br /></span>

<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>3. Rangkaian Simulasi</b>

<a name="rangkaian"></a>

<a href="#home">[Kembali]</a></span></span></div><div><span style="font-family: &quot;times&quot; , &quot;times new roman&quot; , serif;"><br /></span></div><div><div class="separator" style="clear: both; text-align: center;"><a

href="https://blogger.googleusercontent.com/img/b/R29vZ2xl/AVvXsEjTgxK0WnpCvBsULyACyM1\_N0h\_wMvFzCzrpsBQqtlmY2Zqoe394mDyuro-JsfsaSMHcEwt4bEchhmDXXdl11oohgd7n7z-rqtVa\_0x1KOEfQhp6ti6Kn2Xs2ODtXM6mQE\_JY4B8JIG4-K-4UYMLcpVupm8Suybu8CM98rokCSR\_xJY5FuL0n5jgOZ9/s320/g%203.5.png" style="margin-left: 1em; margin-right: 1em;"></a></div><span style="font-family: times, times new roman, serif;"><br /></span>

<span style="font-family: "times" , "times new roman" , serif; font-size: small;"><b>4. Prinsip Kerja Rangkaian</b>

<a name="flowchart"></a>

<a href="#home">[Kembali]</a></span></span></div><div><span style="background-color: white; font-family: times, "times new roman", serif;">Percobaan 1 menggunakan 7 gerbang logika, yaitu gerbang NOT, AND, OR, XOR, NAND, NOR, dan XNOR.&nbsp;</span></div><div><ul style="text-align: left;"><li><span style="background-color: white; font-family: times, "times new roman", serif;">Gerbang NOT akan menghasilkan output yang berlawanan dengan inputnya.&nbsp;</span></li><li><span style="background-color: white; font-family: times, "times new roman", serif;">Gerbang AND bekerja berdasarkan prinsip perkalian, jika hasil perkalian inputnya 0 maka outputnya 0 dan jika hasil perkalian inputnya 1 maka outputnya 1.&nbsp;</span></li><li><span style="background-color: white; font-family: times, "times new roman", serif;">Gerbang OR bekerja berdasarkan prinsip penjumlahan, jika hasil penjumlahan inputnya bukan 0 maka outputnya 1 dan jika hasil penjumlahan inputnya 0 maka outputnya 0.</span></li><li><span style="background-color: white; font-family: times, "times new roman", serif;">Gerbang&nbsp;</span><span style="background-color: white; font-family: times, "times new roman", serif;">XOR juga bekerja berdasarkan hasil penjumlahan, jika hasil penjumlahan inputnya ganjil maka outputnya 1 dan jika hasil penjumlahan inputnya genap maka outputnya 0.&nbsp;</span></li><li><span style="background-color: white; font-family: times, "times new roman", serif;">Gerbang&nbsp;</span><span style="background-color: white; font-family: times, "times new roman", serif;">NAND bekerja dengan hasil yang berkebalikan dengan gerbang AND.&nbsp;</span></li><li><span style="background-color: white; font-family: times, "times new roman", serif;">Gerbang NOR bekerja dengan hasil yang berkebalikan dedngan gerbang OR.&nbsp;</span></li><li><span style="background-color: white; font-family: times, "times new roman", serif;">Sedangkan, gerbang XNOR bekerja dengan hasil berkebalikan dengan gerbang XOR.</span></li></ul></div><div>

<span style="font-family: "times" , "times new roman" , serif; font-size: small;"><b>5. Video Rangkaian</b>

<a name="listing"></a>

<a href="#home">[Kembali]</a></span></span></div><div><div class="separator" style="clear: both; text-align: center;"><object class="BLOG\_video\_class" contentid="c364f633ed6c05e6" height="266" id="BLOG\_video-c364f633ed6c05e6" width="320"></object></div><div class="separator" style="clear: both; text-align: center;"><br /></div>

<span style="font-family: "times" , "times new roman" , serif; font-size: small;"><b>6. Analisa </b>

<a name="video"></a>

<a href="#home">[Kembali]</a></span></span></div><div><span style="font-family: times, times new roman, serif;"><br /></span>

<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>7. Link Download</b>

<a name="prinsip"></a>

<a href="#home">[Kembali]</a></span></span></div></div></div><div><span style="font-family: &quot;times&quot; , &quot;times new roman&quot; , serif;"><div style="font-family: &quot;Times New Roman&quot;;"><ul style="text-align: left;"><li><span style="font-family: &quot;times&quot; , &quot;times new roman&quot; , serif;">Download HTML <a href="https://docs.google.com/document/d/1uSBPNo2n\_fc8DRhvyTj7Y4wP89mSk-l6/edit?usp=share\_link&amp;ouid=101283176926205533373&amp;rtpof=true&amp;sd=true">klik disini</a></span></li><li><span style="font-family: &quot;times&quot; , &quot;times new roman&quot; , serif;">Download Video Praktikum <a href="https://drive.google.com/file/d/1fuR4kcLJhwBfRV4Um7wpFFpqBKhwRN-6/view?usp=share\_link">klik disini</a></span></li><li><div><div><span style="font-family: times, &quot;times new roman&quot;; serif;">Link Datasheet AND&nbsp;</span><span style="font-family: times, &quot;times new roman&quot;; serif;"><a href="https://drive.google.com/file/d/1qUCqQHeSDSsqjLXmd3CjvzRSu7n3Qa1F8/view?usp=share\_link">klik disini</a></span></div></div></li><li><div><span style="font-family: times, &quot;times new roman&quot;; serif;">Link Datasheet OR&nbsp;</span><a href="https://drive.google.com/file/d/1lpJ\_4kXwJONgtjd-\_PJOxhaOKdXNdKkH/view?usp=share\_link">klik disini</a></div></li><li><div><span style="font-family: times, &quot;times new roman&quot;; serif;">Link Datasheet NOT&nbsp;</span><a href="https://drive.google.com/file/d/1d7Ugc8BtuFwal3l7WfsAeck9NvynVzHn/view?usp=share\_link">klik disini</a></div></li><li><div><span style="font-family: times, &quot;times new roman&quot;; serif;">Link Datasheet XOR&nbsp;</span><a href="https://drive.google.com/file/d/1J52la1-\_rACCEzHhuXo7pe69tGaac5Wl/view?usp=share\_link">klik disini</a></div></li><li>Link Datasheet NAND <a href="https://drive.google.com/file/d/1DDvYfXnVNng\_3-EQaET1IH5WBVr1cEoFc/view?usp=share\_link">klik disini</a></li><li>Link Datasheet NOR <a href="https://drive.google.com/file/d/10n97YQxGNgugxj5x8yhliF0QsisMf0Ol/view?usp=share\_link">klik disini</a></li><li>Link Datasheet XNOR <a href="https://drive.google.com/file/d/1sXhMTAMqsH4NMHucZ2lJ5JlI-DiPc9CF/view?usp=share\_link">klik disini</a></li><li><div><span style="font-family: times, &quot;times new roman&quot;; serif;">Link Datasheet LED&nbsp;</span><a href="https://drive.google.com/file/d/1vCa-4YxU\_bZ0SISjA3sHLL1n2JnwnaFA/view?usp=share\_link">klik disini</a></div></li></ul></div></span></div>