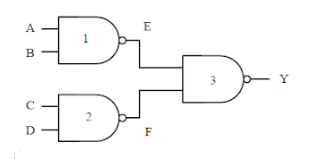
**PRE TEST**

**Logika dan Algoritma Pemrograman**

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**Logika**

1. Terdapat 3 gerbang logika NAND. Buatlah tabel kebenarannya



|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Tabel Kebenaran** | | | | | | |
| Input | | Input | | Output | | Akhir |
| A | B | C | D | E | F | Y |
| 0 | 0 | 0 | 0 | 1 | 1 | 0 |
| 0 | 0 | 0 | 1 | 1 | 1 | 0 |
| 0 | 0 | 1 | 0 | 1 | 1 | 0 |
| 0 | 0 | 1 | 1 | 1 | 0 | 1 |
| 0 | 1 | 0 | 0 | 1 | 1 | 0 |
| 0 | 1 | 0 | 1 | 1 | 1 | 0 |
| 0 | 1 | 1 | 0 | 1 | 1 | 0 |
| 0 | 1 | 1 | 1 | 1 | 0 | 1 |
| 1 | 0 | 0 | 0 | 1 | 1 | 0 |
| 1 | 0 | 0 | 1 | 1 | 1 | 0 |
| 1 | 0 | 1 | 0 | 1 | 1 | 0 |
| 1 | 0 | 1 | 1 | 1 | 0 | 1 |
| 1 | 1 | 0 | 0 | 0 | 1 | 1 |
| 1 | 1 | 0 | 1 | 0 | 1 | 1 |
| 1 | 1 | 1 | 0 | 0 | 1 | 1 |
| 1 | 1 | 1 | 1 | 0 | 0 | 1 |

**Algoritma**

1. Sebuah termometer suhu menampilkan suhu dengan satuan Celcius. Buatlah flowchart untuk menampilkan suhu dalam satuan Farenheit!­

A diagram of a flowchart

Description automatically generated