**Tugas Praktik 2**

**Logika dan Algoritma Pemrograman**

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**NOT**

|  |  |
| --- | --- |
| **INPUT** | **OUTPUT** |
| **A** |
| **1** | **0** |
| **0** | **1** |

**AND**

|  |  |  |
| --- | --- | --- |
| **INPUT** | | **OUTPUT** |
| **A** | **B** |
| **0** | **0** | **0** |
| **0** | **1** | **0** |
| **1** | **0** | **0** |
| **1** | **1** | **1** |

**NAND**

|  |  |  |
| --- | --- | --- |
| **INPUT** | | **OUTPUT** |
| **A** | **B** |
| **0** | **0** | **1** |
| **0** | **1** | **1** |
| **1** | **0** | **1** |
| **1** | **1** | **0** |

**OR**

|  |  |  |
| --- | --- | --- |
| **INPUT** | | **OUTPUT** |
| **A** | **B** |
| **0** | **0** | **0** |
| **0** | **1** | **1** |
| **1** | **0** | **1** |
| **1** | **1** | **1** |

**NOR**

|  |  |  |
| --- | --- | --- |
| **INPUT** | | **OUTPUT** |
| **A** | **B** |
| **0** | **0** | **1** |
| **0** | **1** | **0** |
| **1** | **0** | **0** |
| **1** | **1** | **0** |

**XOR**

|  |  |  |
| --- | --- | --- |
| **INPUT** | | **OUTPUT** |
| **A** | **B** |
| **0** | **0** | **0** |
| **0** | **1** | **1** |
| **1** | **0** | **1** |
| **1** | **1** | **0** |

**XNOR**

|  |  |  |
| --- | --- | --- |
| **INPUT** | | **OUTPUT** |
| **A** | **B** |
| **0** | **0** | **1** |
| **0** | **1** | **0** |
| **1** | **0** | **0** |
| **1** | **1** | **1** |