Ahmed Aldhaheri

Course: COSC 221, M-W 10a.m. – 11:50a.m.

Section#: 27450

Semester: Winter 2016

Description: Truth table of three input majority function, logical expression, majority function circuit

|  |  |  |  |
| --- | --- | --- | --- |
| A | B | C | Output |
| 0 | 0 | 0 | 0 |
| 0 | 0 | 1 | 0 |
| 0 | 1 | 0 | 0 |
| 0 | 1 | 1 | 1 |
| 1 | 0 | 0 | 0 |
| 1 | 0 | 1 | 1 |
| 1 | 1 | 0 | 1 |
| 1 | 1 | 1 | 1 |

Logical Expression:

Tested: : 011

