CGT 456

Access Modifiers
Logic

Access Modifiers

- private
- protected
- public



AND Gate ( $\mathrm{c}=\mathrm{a}$ * b )


| $a$ | $b$ | $c=a * b$ |
| :---: | :---: | :---: |
| 0 | 0 | 0 |
| 0 | 1 | 0 |
| 1 | 0 | 0 |
| 1 | 1 | 1 |



NOT Gate (c=ā)


| $a$ | $c=\bar{a}$ |
| :---: | :---: |
| 0 | 1 |
| 1 | 0 |

## Binary Numbers

- Binary numbers are made up of 0 and 1.
- An example of a binary number would look like: 10010111
- This is an example of an 8-bit binary number.
- A 16-bit binary number would look like: 1001001011011001


