

(Review previous class & exercise)

Thu 25 Oct 2018

## Exercise:

Write a program that outputs

$x \oplus y$  using only NOT's & NAND's

| x | y | $x \oplus y$ | NAND |
|---|---|--------------|------|
| 0 | 0 | 0            | 1    |
| 0 | 1 | 1            | 1    |
| 1 | 0 | 1            | 1    |
| 1 | 1 | 0            | 0    |