

# CS315-02 Project 07 : Final Questions

Final Thu Dec 12 3:00 pm - 5:00 pm  
2 pages

Project 07

Lab 07

Survey

Question 1 - Sum-of-Products

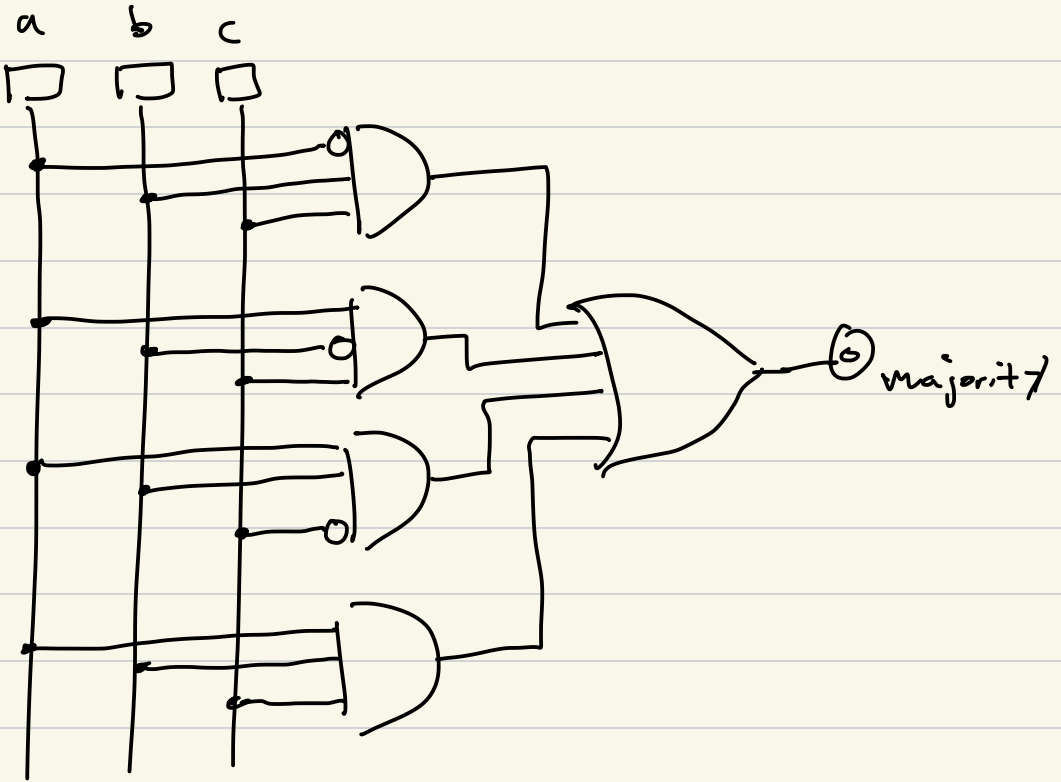
$$r = \text{majority}(a, b, c)$$

	a	b	c	maj
	0	0	0	0
	0	0	1	0
	0	1	0	0
①	0	1	1	1
	1	0	0	0
②	1	0	1	1
③	1	1	0	1
④	1	1	1	1

$$\text{majority}(a, b, c) =$$

$$(\bar{a} \cdot b \cdot c) + (a \cdot \bar{b} \cdot c)$$

$$+ (a \cdot b \cdot \bar{c}) + (a \cdot b \cdot c)$$



# Question 2 - Digital Design

