

5321 Homework 3.2

Summer 2019

a. $a = (b \geq 0) \ \&\& \ c$

	Inputs		Expected Outputs
Test Case	b	c	a
1	-1	True	False
2	0	False	False
3	0	True	True

b. $a = b \ || \ (c \geq 5)$

	Inputs		Expected Outputs
Test Case	b	c	a
1	False	4	False
2	False	5	True
3	True	4	True

c. $a = (b \leq 5) \ \&\& \ (c \geq 8)$

	Inputs		Expected Outputs
Test Case	b	c	a
1	5	8	True
2	6	8	False
3	5	7	False

d. $a = (b \leq 5) \ \&\& \ (b > 0)$

	Inputs	Expected Outputs
Test Case	b	a
1	0	False
2	1 or 5	True
3	6	False
4	5 or 1	True