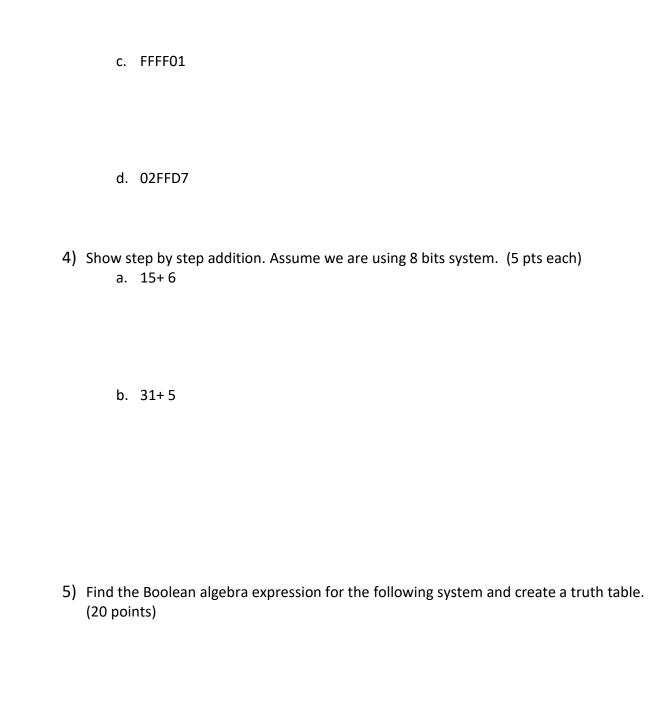
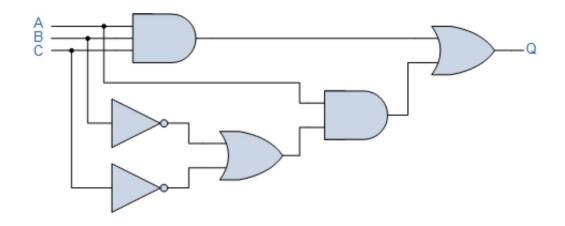
## CS330 - Computer Organization & Assembly Language Assignment # 3

Full Name: BlazerID: Instructions:			
<ol> <li>Convert the following decimal numbers into binary (show the steps) (5 points each)</li> <li>a. 123</li> </ol>			
b. 533			

2)	t the following binary numbers into Decimal numbers (show the steps) (5 points	
	each) a.	1001 1101
	b.	1011 0001
	C.	0101 0110
	d.	1111 1110
3)	steps) (	t the following hexadecimal numbers into Binary numbers (show the explanatory 5 points each) AC078
	b.	BBD44





6) Draw a truth table for  $A\overline{B}$  (A+B) (10 points)

7) Evaluate the following expression when A =1, B =1, and C= 0 (5 points)

$$F = A + \overline{A}B + B\overline{A} + C\overline{B}$$