Codefez Logic practice worksheet 1

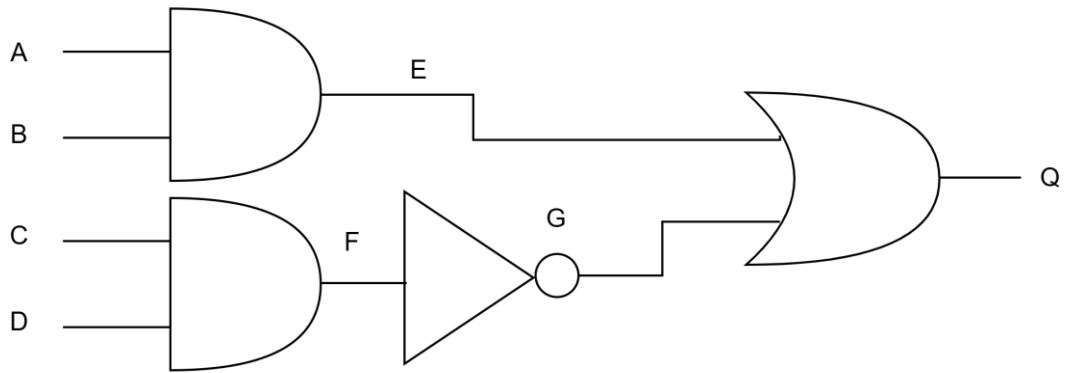1. Create a truth table for the logic gate above.

A	B	C	D	E	Q

2. Write the logic equation for the logic gate above

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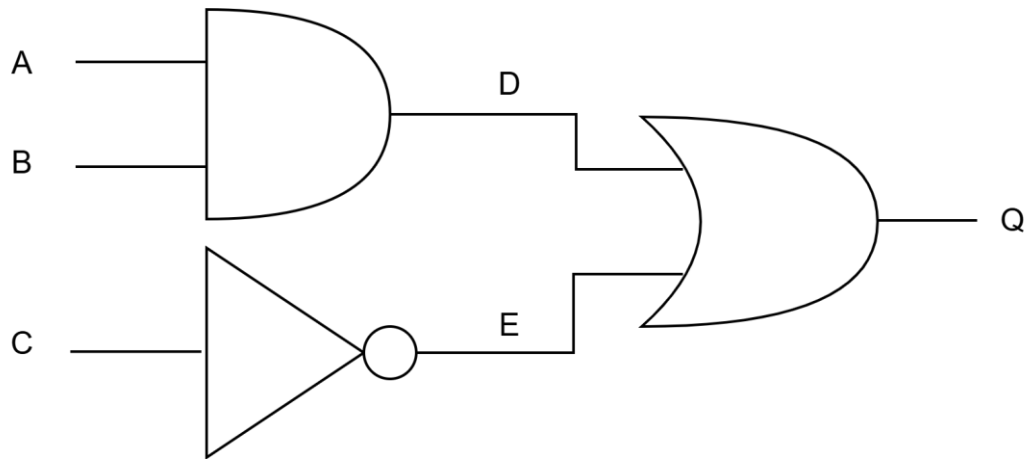
3. Create the truth table for the logic gate above.

4. Write the logic equation for the logic gate above

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5. Complete the following truth table.

A	B	C	D	E	F	G	Q
			0				
			1				
			0				
			1				
			0				
			1				
			0				
			1				
			0				
			1				
			0				
			1				
			0				
			1				
			0				
			1				

6. Write the logic equation for the logic gate above

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7. Draw the logic diagram for the following logic equation

P = ((NOT B) AND (A AND B))

A ○

B ○   ○ P
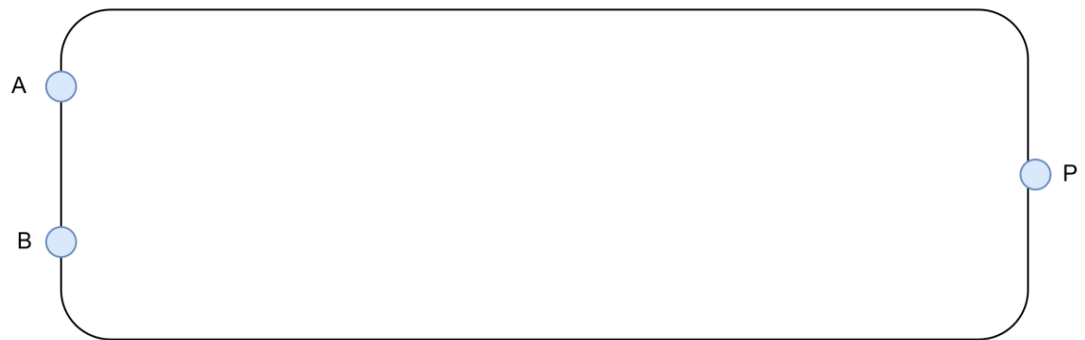
8. Draw the truth table for the above logic equation

A	B			P