

Name:

Section:

Rollno:

Quiz #1

Duration: 15 minutes

Question 1. (10 points) For each of the program snippets below, what is the value printed by **printf**? (If the snippet contains error, say **Error**).

1.	<code>printf("%.2f", 2.02*10/20);</code>	
2.	<code>printf("%d", 2/4==5/10==1/2);</code>	
3.	<code>printf("%.2f", 3*(1.0/3)*1/3);</code>	
4.	<code>printf("%c", '5' - '4' + 'a');</code>	
5.	<code>printf("%d", (1 >= 1) < (0 <= 0));</code>	
6.	<code>int x; x = -6 0; printf("%d", x < 0);</code>	
7.	<code>int num = 'B' - 'A' + 99; char ch = 101; printf("%d", num > ch);</code>	
8.	<code>float num = 17; num = (int)(num/3.0); printf("%.1f", num);</code>	
9.	<code>int items = 10.0, price = 75.0; float avg_price = price/items; printf("%.3f", avg_price);</code>	
10.	<code>printf("%c == %c", 'Z' - 'z' + 'y', 'a' - 'A' + 'B');</code>	

Solution:

1. 1.01	2. 0	3. 0.33	4. b
5. 0	6. 0	7. 0	8. 5.0
9. 7.000	10. Y == b		