

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", 3.14*10*10);</code>	
2.	<code>printf("%d", 22/7==35/10==3);</code>	
3.	<code>printf("%.2f", 4.4*10*1/4);</code>	
4.	<code>printf("%c", '7' + '5' - '4');</code>	
5.	<code>printf("%d", (1 > 1) < (0 <= 0));</code>	
6.	<code>int x; x = 0 -6; printf("%d", 0 >= x);</code>	
7.	<code>int num = 'z' - 'a'; char ch = 25; printf("%d", num == ch);</code>	
8.	<code>int num = 16; num = num/3.0; printf("%d", num != 5);</code>	
9.	<code>int items = 10, price = 25; float avg_price = price/items; printf("%.3f", avg_price);</code>	
10.	<code>printf("%d == %d", 'Z' - 'Y', 'c' - 'a');</code>	

Solution:

1. 314.00	2. 0	3. 11.00	4. 8
5. 1	6. 0	7. 1	8. 0
9. 2.000	10. 1 == 2		