# KING SAUD UNIVERSITY COLLAGE OF COMPUTER AND INFORMATION SCIENCES INFORMATION TECHNOLOGY DEPARTMENT

CSC111 Quiz#1 First Semester

# Q1: Choose the correct answer: (2pts)

1) Suppose we have the following declarations: Int i, j; float x, y; double a, b;

### Which of following assignment is valid?

- a) i = x;
- b) x = a + b;
- c) x = 23.4 + i \* y;
- d) y = j / i \* x;

## Which of following declarations is valid?

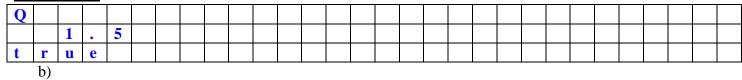
- a) long a, b, a;
- b) float x, int;
- c) **byte x, y = 13**;
- d) double x, long y;

# Q2: What are the outputs of the following code fragments when executed? (5pts)

a) String s = "My First Quiz";

System.out.println(s.charAt (s.indexOf ('',3) + 1)); System.out.printf("%6.2f%n", s.indexOf ("xo") + 2.5); System.out.println(s.substring(0,3).equals ("My"));

#### **The Output:**



System.out.println(!((6 \* 5 / 2) > (5 \* (3 - 4)% 2))); System.out.printf("%8.3f", (double) (3+1 \*-3 +1));

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### Q3: Correct the syntax errors in the following java program (there are 6 errors): (3pts)

import java.util.*;	
public class quiz{	
<pre>public static void main (String args[]){</pre>	
Scanner input = new Scanner (System.in);	
final int d;	final int D;
d = 13;	D = 13;
int A,b;	,
$\mathbf{b} = 12 + \mathbf{A};$	b = 12 + A; (A has not a value)
<pre>char ch = input.nextChar();</pre>	2 12 111) (11 has not a value)
String str = input.next();	
<pre>char c = str.indexOf('a');</pre>	indexOf return int but c is char.
float $f = 4.5$ ;	
A = (double)2.3;	float $f = 4.5f$ ;
}}	A = (int)2.3;
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