1. **True/False**

* Every Java program must have a main
* A Java identifier cannot start with a digit
* The Java compiler consider the identifier numberOfPersons to be the same as the identifier numberOfpersons
* A Java reserved word can also be used as programmer-defined identifier
* If a program compiles successfully, it is guaranteed to execute correctly
* In Java, the expression (a + b / c)/2 is equivalent to ((a + b) / c)/2
* The value of the expression a+b \* c+d is different from the value of the expression a + b\*c +d
* If the int variable someInt contains the value 26, the statement

System.out.println("someInt"); outputs the value 26

1. **Multiple choice**

* Which of the following is legal string assignment

a- name = 'Majed'

b- name = "Majed"

c- Name = 'Á' +"Majed"

* Which assignment statement could be used to store the letter B into the char variable aVariable

a- aVariable = "B" ;

b- aVariable = B ;

c- aVariable = 'B' ;

* Given that x is a double variable and num is an int variable containing the value 5, what will x contain after execution of the following statement:

x= num + 2;

a- 7

b- 7.0

c- 5

d- 5.0

e- Nothing, a compile-time error occurs

* Given that x is a double variable containing the value 84.7 and num is an int variable, what will num contain after execution of the following statement

num = x + 2;

a- 86.7

b- 86

c- 87

d- 87.0

e- Nothing, a compile-time error occurs

* Given that x is a double variable and num is an int variable containing the value 38, what will x contain after execution of the following statement:

x= num / 4 +3.0;

a- 12.5

b- 3

c- 12

d- 12.0

e- Nothing, a compile-time error occurs

* What is the output of the following program fragment

System.out.println("To");

System.out.print(' ');

System.out.print("Many");

System.out.println(" students");

a- To Many

students

b- To

Many students

c- To

Many students

d- To

Manystudents

* What is the output of the following program fragment

Age = 29;

System.out.println("Are you"+ age+ "years old?") ;

a- Are you29years old?

b- Are you 29 years old?

c- Are you29 years old?

d- Are you 29years old?

e- Are you age years old?

1. **Write a program that displays the sum of two real numbers**