

INTRODUCTION TO JAVA

LECTURE 2 : GETTING STARTED WITH JAVA

(Size of long)

1. Primitive data type 'long' is having size _____ byte(s) in Java Programming.

(Datatype)

2. Which of the following data type stores longest decimal number ?

- a) long
- b) float
- c) double
- d) short

(Boolean Variable)

3. Which of these values can be assigned to a boolean variable in Java?

- a) 0 or 1
- b) Any integer value.
- c) true or false
- d) Both options a and c

(Valid Variable Name)

4. Which of these is a valid variable name ?

- a) 1var
- b) var1
- c) var@1
- d) 2_var

(Uninitialized Local Variable)

5. Compiler never assigns a default value to an uninitialized local variable in Java Programming. Whether this statement is true or false ?

- a) True
- b) False

(Predict the output)

6. What is the output of the following code if the input is : 5 10 ?

```
Scanner s = new Scanner(System.in);  
int a = s.nextInt();  
int b = s.nextInt();  
System.out.println(a+b);
```

- a) 5
- b) 10
- c) 15
- d) Error

(Predict The String output)

7. What is the output of the following code if the input string is "Coding Ninjas"?

```
Scanner s = new Scanner(System.in);  
String str;  
str = s.next();  
System.out.print(str);
```

- a) Coding Ninjas
- b) Coding
- c) Ninjas
- d) The above code fragment does not compile

(Multiple inputs)

8. What is the output of the following code if input is :

10 abc def

```
Scanner s = new Scanner(System.in);  
int a = s.nextInt();  
String str = s.next();  
System.out.print(a);  
System.out.println(str);
```

a) 10 abc def

b) 10abc

c) 10abcdef

d) 10 abc

(Integer and String)

9. What is the output of the following code if input is : abc def 10

```
Scanner s = new Scanner(System.in);  
String str = s.next();  
int a = s.nextInt();  
System.out.print(str + " " + a);
```

a) abc def 10

b) abc 10

c) InputMismatchException

d) abc InputMismatchException

