

INTRODUCTION TO JAVA

LECTURE 3 : HOW IS DATA STORED?

(Short data type)

1. Short data type has a minimum value of -

- a) -2,147,483,648
- b) -32,768
- c) -32,767
- d) -127

(Byte)

2. Range of byte data type is ?

- a) -128 to 255
- b) -128 to 256
- c) -128 to 127
- d) -127 to 128

(Check for Error)

3. Will following statement give an error ?

```
float f = 1.4;
```

a) Yes

b) No

(Figure out the Output)

4. What will be the output of the following statement ?

```
System.out.println('a' + 1);
```

(Figure out the Output)

5. What will be the output ?

```
int i = 'c';  
System.out.println(i);
```

(Automatic type conversion)

6. Automatic type conversion in Java takes place when :

- a) Two type are compatible and size of destination type is shorter than source type.
- b) Two type are compatible and size of destination type is larger than source type.
- c) Both 1 and 2
- d) None of the above
