

1. Number of primitive data types in Java are?

- A. 6
- B. 7
- C. 8
- D. 9

MCQ: 15

PROGRAMS: 5

2. What is the size of float and double in java?

- A. 32 and 64
- B. 32 and 32
- C. 64 and 64
- D. 64 and 32

3. Find the output of the following code.

```
int integer = 24;  
char String = 'I';  
System.out.print(integer);  
System.out.print(String);
```

- A. Compile error
- B. Throws exception
- C. I
- D. 24 I

4. Find the output of the following program.

```
public class Solution{  
    public static void main(String[ ] args){  
        byte x = 127;  
        x++;  
        x++;  
        System.out.print(x);  
    }  
}
```

- A. -127
- B. 127
- C. 129
- D. 2

5. Find the output of the following code.

```
int ++a = 100;  
System.out.println(++a);
```

- A. 101
- B. Compile error as ++a is not valid identifier
- C. 100
- D. None

```
6. public class Solution{  
    public static void main(String[ ] args){
```

```
        int x = 5;  
        x * = (3 + 7);  
        System.out.println(x);  
    }}
```

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1. WRITE A JAVA PROGRAM TO SWAP TWO NUMBERS WITHOUT THIRD VARIABLE
2. WRITE A JAVA PROGRAM TO FIND YEAR IS A LEAP YEAR OR NORMAL YEAR
3. WRITE A JAVA PROGRAM TO PRINT DAYS IN A WEEK (USING SWITCH)
4. WRITE A JAVA FUNCTION TO CALCULATE SIMPLE INTEREST WHERE IT WILL TAKE P,T,R AS A PARAMETER
NOTE:SI = (P*T*R)/100
5. WRITE A JAVA FUNCTION TO PRINT SUM OF N NUMBERS WHERE IT WILL TAKE N AS A PARAMETER

- A. 50
- B. 22
- C. 10
- D. None

7. How many times will "Interviewbit" be printed.

```
int count = 0;
do{
    System.out.println("Interviewbit");
    count++;
} while(count < 10);
```

- A. 8
- B. 9
- C. 10
- D. 11

8. Identify the return type of a method that does not return any value.

- A. int
- B. void
- C. double
- D. None

9. Find the output of the following code.

```
if(1 + 1 + 1 + 1 + 1 == 5){
    System.out.print("TRUE");
}
else{
    System.out.print("FALSE");
}
```

- A. TRUE
- B. FALSE
- C. Compile error
- D. None

10. Find the value of A[1] after execution of the following program.

```
int[ ] A = {0,2,4,1,3};
for(int i = 0; i < a.length; i++){
    a[i] = a[(a[i] + 3) % a.length];
}
```

- A. 0
- B. 1
- C. 2
- D. 3

11. What is the difference between for loop and while loop ?

12. what is the syntax for variable declaration and initialization give 4 different examples

13. what are the features of java

14. write syntax for nested for loop

15. write syntax for while loop and do while loop