Java Questions & Answers – Literals & Variables

1. . Which of these is data type long literal?

a) 0x99fffL  
b) ABCDEFG  
c) 0x99fffa  
d) 99671246

2. Which of these is returned by operators &, ?

a) Integer  
b) Boolean  
c) Character  
d) Float

3. Literals in java must be preceded by which of these?

a) L  
b) l  
c) D  
d) L and I

4. Literal can be of which of these data types?

a) integer  
b) float  
c) boolean  
d) all of the mentioned

5. Which of these can not be used for a variable name in Java?

a) identifier  
b) keyword  
c) identifier & keyword  
d) None of the mentioned

6. What is the output of this program?

1. **class** evaluate {
2. **public** **static** **void** main(String args[])
3. {
4. **int** a[] = {1,2,3,4,5};
5. **int** d[] = a;
6. **int** sum = 0;
7. **for** (**int** j = 0; j < 3; ++j)
8. sum += (a[j] \* d[j + 1]) + (a[j + 1] \* d[j]);
9. System.out.println(sum);
10. }
11. }

a) 38  
b) 39  
c) 40  
d) 41

7. What is the output of this program?

1. **class** array\_output {
2. **public** **static** **void** main(String args[])
3. {
4. **int** array\_variable [] = **new** **int**[10];
5. **for** (**int** i = 0; i < 10; ++i) {
6. array\_variable[i] = i/2;
7. array\_variable[i]++;
8. System.out.print(array\_variable[i] + " ");
9. i++;
10. }
12. }
13. }

a) 0 2 4 6 8  
b) 1 2 3 4 5  
c) 0 1 2 3 4 5 6 7 8 9  
d) 1 2 3 4 5 6 7 8 9 10

8. What is the output of this program?

1. **class** variable\_scope {
2. **public** **static** **void** main(String args[])
3. {
4. **int** x;
5. x = 5;
6. {
7. **int** y = 6;
8. System.out.print(x + " " + y);
9. }
10. System.out.println(x + " " + y);
11. }
12. }

a) 5 6 5 6  
b) 5 6 5  
c) Runtime error  
d) Compilation error

9. Which of these is incorrect string literal?

a) “Hello World”  
b) “Hello\nWorld”  
c) “\”Hello World””  
d) “Hello  
world”

10. What is the output of this program?

1. **class** dynamic\_initialization {
2. **public** **static** **void** main(String args[])
3. {
4. **double** a, b;
5. a = 3.0;
6. b = 4.0;
7. **double** c = Math.sqrt(a \* a + b \* b);
8. System.out.println(c);
9. }
10. }

a) 5.0  
b) 25.0  
c) 7.0  
d) Compilation Error