What is the value of the following expression: 8 + 4 / 2 \* 3?

a) 18

b) 16

c) 14

d) 12

Answer: b) 16

What is the value of the following expression: 10 % 3?

a) 3

b) 1

c) 0

d) 2

Answer: d) 2

Which of the following is not a logical operator in Java?

a) &&

b) ||

c) !

d) &

Answer: d) &

What is the value of the following expression: 5 < 3 || 7 > 2?

a) true

b) false

c) compile-time error

d) runtime error

Answer: a) true

What is the value of the following expression: true && (false || true)?

a) true

b) false

c) compile-time error

d) runtime error

Answer: a) true

What is the value of the following expression: 4 > 6 ? "yes" : "no"?

a) "yes"

b) "no"

c) compile-time error

d) runtime error

Answer: b) "no"

What is the value of the following expression: 3 | 5?

a) 1

b) 2

c) 3

d) 5

Answer: c) 3

What is the value of the following expression: 6 ^ 3?

a) 9

b) 3

c) 5

d) 2

Answer: a) 9

What is the value of the following expression: (5 > 3) && (7 < 10) || (3 == 3)?

a) true

b) false

c) compile-time error

d) runtime error

Answer: a) true

What is the value of the following expression: 7 / 0?

a) 0

b) infinity

c) NaN

d) compile-time error

Answer: b) infinity

With x = 0, which of the following are legal lines of Java code for changing the value of x to 1?

1.x++

2.x=x+1;

3.x+=1;

4.x=+1;

a) 1, 2 & 3  
b) 1 & 4  
c) 1, 2, 3 & 4  
d) 3 & 2

Answer: c)

Which of these statements are incorrect?

a) Assignment operators are more efficiently implemented by Java run-time system than their equivalent long forms

b) Assignment operators run faster than their equivalent long forms

c) Assignment operators can be used only with numeric and character data type

d) None of the mentioned

What will be the output of the following Java program?

class increment

{

public static void main(String args[])

{

double var1 = 1 + 5;

double var2 = var1 / 4;

int var3 = 1 + 5;

int var4 = var3 / 4;

System.out.print(var2 + " " + var4);

}

}

a) 1 1

b) 0 1

c) 1.5 1

d) 1.5 1.0

Answer: c)

What will be the output of the following Java program?

class Modulus

{

public static void main(String args[])

{

double a = 25.64;

int b = 25;

a = a % 10;

b = b % 10;

System.out.println(a + " " + b);

}

}

a) 5.640000000000001 5

b) 5.640000000000001 5.0

c) 5 5

d) 5 5.640000000000001

What will be the output of the following Java program?

class increment

{

public static void main(String args[])

{

int g = 3;

System.out.print(++g \* 8);

}

}

a) 25

b) 24

c) 32

d) 33

Answer: c)

What will be the output of the following Java program?

class Output

{

public static void main(String args[])

{

int a = 1;

int b = 2;

int c;

int d;

c = ++b;

d = a++;

c++;

b++;

++a;

System.out.println(a + " " + b + " " + c);

}

}

a) 3 2 4

b) 3 2 3

c) 2 3 4

d) 3 4 4

Answer: d)

What is the value stored in x in following lines of code?

int x, y, z;

x = 0;

y = 1;

x = y = z = 8;

1. 0
2. 1
3. 9
4. 8

Answer: d)

What is the order of precedence (highest to lowest) of following operators?

1. &

2. ^

3. ?:

a. 1 -> 2 -> 3

b. 2 -> 1 -> 3

c. 3 -> 2 -> 1

d. 2 -> 3 -> 1

Answer: a)

The order of precedence from highest to lowest is :

a. &&, /, |,{}

b. %, <=, &&, =

c. <, !, ==, ++

d. +, -, [], !=