Operators

Find output

```
System.out.println(3<4);
System.out.println(3<=4);
System.out.println(3>4);
System.out.println(3>=4);
System.out.println(3==4);
System.out.println(3!=4);
```

Output

true

true

false

false

false

true

Find output

```
System.out.println(9/5);
System.out.println((float)9/5);
System.out.println(9/(float)5);
System.out.println((float)(9/5));
```

Output

1

1.8

1.8

1.0

Find output

```
int var = 65;
char ch = (char)var;
System.out.println(var);
System.out.println(ch);
```

Output

65

A

Find output

```
System.out.println(6%2==0);
System.out.println(7%2!=0);
```

Output

true

true

Find output

int a=3,b=6;

b=a+b-(a=b);

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

Output

6,3

Find output

```
System.out.println(5/2);
System.out.println(-5/2);
System.out.println(5/-2);
System.out.println(-5/-2);

System.out.println(5%2);
System.out.println(-5%2);
System.out.println(5%-2);
System.out.println(-5%-2);
```

Output

2

-2

-2

2

1

-1

1

-1

Find output

```
int a=2,b=3,c=1;
System.out.println(a+b+c);
System.out.println("sum="+a+b+c);
System.out.println(a+b+c+"sum="+a+b+c);
System.out.println(a+b+c+"sum="+(a+b+c));
```

Output

6

sum=231

6sum=231

6sum=6

Find output

```
int a,b,c,d;
c=10;
d=a=b=c;
System.out.println(a+","+b+","+c+","+d);
```

Output

10,10,10,10

Find output

```
int i,j,k,l=0;
k = l++;
j = ++k;
i = j++;
System.out.println(i);
```

Output

1

Find output

```
int a =5,b;
b = ++a + a++ + ++a;
System.out.println(a);
System.out.println(b);
```

Output

8

20

Find output

```
int a=3,b=4,c;
c=++a + b++ + ++a + --b;
System.out.println(c);
```

Output

17

Find output

```
int x = -16;
System.out.println(x>>2);
int y = 4;
System.out.println(y>>1);
```

Output

-4

2

Find output

String s1 = "raju";

String s2 = "raju";

System.***out.println("s1 == s2 is:" + s1 == s2);***

Output

false

Find output

String s1 = "raju";

String s2 = "raju";

System.***out.println("s1 & s2 are equal " + s1.equals(s2));***

Output

s1 & s2 are equal true

Find output

```
double a = 25.64;
int  b = 25;
a = a % 10;
b = b % 10;
System.out.println(a + " "  + b);
```

Output

5.6400000000000001 5

Find output

```
int a = 1;
int b = 2;
int c;
int d;
c = ++b;
d = a++;
c++;
b++;
++a;
System.out.println(a + " " + b + " " + c);
```

Output

3 4 4

Find output

```
int a,b,c;
    a=b=c=10;
    System.out.println(a+b+c);
    System.out.println(a+""+b+c);
    System.out.println(a+b+""+c);
    System.out.println(""+a+b+c);
```

Output

30

101010

2010

101010

Find output

```
int (a,b,c)=10;
System.out.println(b);
```

Output

- Compilation error

Find output

```
byte b1 = 6 & 8;
byte b2 = 7 | 9;
byte b3 = 5 ^ 4;
System.out.println(b1 + " " + b2 + " " + b3);
```

Output

0 15 1

Find output

```
byte x = 64;
        int i;
        byte y;
        i = x << 2;
        y = (byte) (x << 2);
        System.out.print(i + " " + y);
```

Output

256 0

Find Output

```
byte a=3, b=7,c;
c=a+b;
```

Output

- Compile time error

Find Output

```
byte a=3,b=7;
    int c;
    c=a+b;
    System.out.println(c);
```

Output

- 10

Find Output

```
int a = 1, b=20, c=15,d;
    d= a>b? a>c?a:c : b>c?b:c;
    System.out.println(d);
```

Output

- 20

Find Output

```
byte a=8,b;
    b=a<<2;
    System.out.println(b);
```

Output

- Compilation error

Find Output

```
byte a=8;
    int b;
    b=a<<2;
    System.out.println(b);
```

Output

- 32

Find Output

```
byte a=8;
    byte b=0;
    b+=a;
    System.out.println(b);
```

Output

- 8

Find Output

```
byte a=8;
    byte b=0;
    b=a&b;
    System.out.println(b);
```

Output

- Compilation error

- When ever we apply any arithmetic or bitwise operators on 2 byte values, the result will be integer.

Find Output

```
int x = -4;
System.out.print(x>>1+” “);
int y = 4;
System.out.print(y>>1);
```

a) Compiler Error

b) -2 2

c) 2 2

d) 0 2

Output

B

Find Output

System.out.println(10*20 + “raju");

System.out.println(“rani" + 10*20);

a) 200raju

rani200

b) Compilation error

c) 10*20 + “raju“

“rani" + 10*20

d) No output

Output

A

Find Output

Which of the following is not an operator in Java?

(A) instanceof

(B) sizeof

(C) new

(D) >>>

Output

B

Find Output

System.*out.println(10+20 +"raju"+10+20);*

a) 1020raju1020

b) 30raju1020

c) 1020raju30

d) 10+20 +"raju"+10+20

Output

B

Find Output

Which of these operators can skip evaluating right hand operand?

A. !

B. |

C. &

D. &&

Output

- D

Find Output

Which of these statement is correct?

A. true and false are numeric values 1 and 0

B. true and false are numeric values 0 and 1

C. true is any non zero value and false is 0

D. true and false are non numeric values

Output

D

Find Output

What should be expression1 evaluate to in using ternary operator as in this line? expression1 ? expression2 : expression3

A. Integer

B. Floating – point numbers

C. Boolean

D. None of the mentioned

Output

C

Find Output

What is the value stored in x in following lines of code?int x, y, z;

```
x = 0;
y = 1;
x = y = z = 8;
```

a) 0
b) 1
c) 9
d) 8

Output

D

Find Output

Modulus operator, %, can be applied to which of these?

A. Integers

B. Floating – point numbers

C. Both Integers and floating – point numbers

D. None of the mentioned

Output

C

Find Output

```
double a = 25.64;
int  b = 25;
a = a % 10;
b = b % 10;
System.out.println(a + " "  + b);
```

Output

a) 5.640000000000001 5
b) 5.640000000000001 5.0
c) 5 5
d) Compilation error

Ans: a

Find Output

System.*out.println(23.45%10);*

a) 3.4499999999999993

b) 5

c) 0.005

d) 23

Output

A

Find Output

```
int x , y;
x = 10;
x++;
--x;
y = x++;
System.out.println(x + " " + y);
```

Options

A. 11 11
B. 10 10
C. 11 10
D. 10 11

Output

C