

Main.java Run Output Clear

```
1 // Online Java Compiler
2 // Use this editor to write, compile and run your Java code online
3
4 public class main{
5     public static void main(String[] args) {
6         System.out.println("arithmetic operations");
7         int a=12;
8         int b=4;
9         int c=5;
10        int d=7;
11        System.out.println(a+b);
12        System.out.println(a-b);
13        System.out.println(a*b);
14        System.out.println(a/b);
15        System.out.println(a%b);
16        System.out.println(c*d);
17    }
18 }
```

```
java -cp /tmp/fqd9mj4KwV main
arithmetic operations
16
8
48
3
0
5
```

Main.java	Output
<pre>1 // Online Java Compiler 2 // Use this editor to write, compile and run your Java code online 3 4 public class main{ 5 public static void main(String[] args) { 6 System.out.println("relational operations"); 7 int a=12; 8 int b=4; 9 int c=5; 10 int d=7; 11 System.out.println(a<b); 12 System.out.println(a>b); 13 System.out.println(a>=b); 14 System.out.println(a<=b); 15 System.out.println(c<=d); 16 System.out.println(c>=d); 17 System.out.println(a==b); 18 System.out.println(a!=b); 19 System.out.println(c!=d); 20 System.out.println(c==d); 21 } 22 }</pre>	<pre>java -cp /tmp/fqd9mj4KwV main relational operationsfalse true true false true false false true true false</pre>

Online Java Compiler

programiz.com/java-programming/online-compiler/

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Interactive Java Course

Main.java

Run

Output

Clear

```
1 // Online Java Compiler
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3
4 public class main{
5     public static void main(String[] args) {
6         System.out.println("assignment operations");
7         int a=80;
8         int b=40;
9         int c=210;
10        int d=70;
11        a+=b;
12        System.out.println(a);
13        b-=c;
14        System.out.println(b);
15        d*=c;
16        System.out.println(c);
17        c%=d;
18        System.out.println(d);
19    }
20 }
```

```
java -cp /tmp/fqd9mj4KwV main
assignment operations
40
-210
210
14700
```

42°C
Very high UV

Search

ENG
IN

14:01
16-05-2023

Main.java Run Output Clear

```
1 // Online Java Compiler
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3
4 public class main {
5     public static void main(String[] args) {
6         System.out.println("logical operator");
7         int a=5;
8         int b=29;
9         int c=78;
10        int d=65;
11        System.out.println(a>b&& c<d);
12        System.out.println(a<c | b<d);
13        System.out.println(b>d !=c<a);
14        System.out.println(a!=d);
15        System.out.println(c<b&&c!=a);
16
17    }
18 }
```

```
java -cp /tmp/uqHAVxqpqY main
logical operator
false
true
false
true
false
```

Main.java Run Output Clear

```
1 // Online Java Compiler
2 // Use this editor to write, compile and run your Java code online
3
4 public class main {
5     public static void main(String[] args) {
6         System.out.println("bitwise operator");
7         int a=56;
8         int b=29;
9         int c=78;
10        int d=65;
11        System.out.println(a>b&c<d);
12        System.out.println(a<c|b<d);
13
14
15    }
16 }
```

```
java -cp /tmp/uqHAVxqpqY main
bitwise operator
false
true
```



Online Java Compiler

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Main.java

Run

```
1 // Online Java Compiler
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3
4 public class main {
5     public static void main(String[] args) {
6         System.out.println("ternary/conditional operator");
7         String num=24<$?"lavanya":"ramganes";
8         System.out.println(num);
9
10
11
12     }
13 }
```

Output

Clear

```
java -cp /tmp/uqHAVxqpqY main
ternary/conditional operator
ramganes
```

Main.java Run Output Clear

```
1 // Online Java Compiler
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3
4 public class main {
5     public static void main(String[] args) {
6         System.out.println("unary operator");
7         int a=15;
8         System.out.println(a);
9         int b=-a;
10        System.out.println(b);
11        int c=34;
12        System.out.println(-c);
13    }
14 }
```

```
java -cp /tmp/uqHAvxqpqY main
unary operator
15
-15
-35
```

Main.java Run Output Clear

```
1 // Online Java Compiler
2 // Use this editor to write, compile and run your Java code online
3
4 public class main {
5     public static void main(String[] args) {
6         System.out.println("wrapper class");
7         int s=32;
8         Integer i=new Integer(s);
9         System.out.println(i);
10
11     }
12 }
```

```
java -cp /tmp/uqHAVxqpQY main
wrapper class
32
```


Main.java

Run

```
1 // Online Java Compiler
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3
4 public class main {
5     public static void main(String[] args) {
6         System.out.println("shift operator");
7         int p=56;
8         int q=4;
9         System.out.println(p>>q);
10        System.out.println(p<<q);
11    }
12 }
```

Output

Clear

```
java -cp /tmp/uqHAVxqpqY main
shift operator
3
896
```

Main.java Run Output Clear

```
1 // Online Java Compiler
2 // Use this editor to write, compile and run your Java code online
3
4 public class main {
5     public static void main(String[] args) {
6         System.out.println("shift operator");
7         int p=56;
8         int q=4;
9         System.out.println(p>>q);
10        System.out.println(p<<q);
11    }
12 }
```

```
java -cp /tmp/uqHAvxqpqY main
shift operator
3
896
```

Main.java Run Output Clear

```
1 // Online Java Compiler
2 // Use this editor to write, compile and run your Java code online
3
4 public class main {
5     public static void main(String[] args) {
6         System.out.println("survey programme");
7         int i=88;
8         int j=3;
9         System.out.println(i>>>j);
10        System.out.println(i>>j);
11    }
12 }
```

```
java -cp /tmp/uqHAvxqpqY main
survey programme
11
11
```