

```
Some basic program on Operator :
To find out the sum of any number, rule is -
1. Add all the numbers
2. Divide the numbers by half
3. Then add the result to itself
4. To get the final result
```

```
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100
```

```
public class Test {
    public static void main(String[] args) {
        int a = 1;
        int b = 2;
        System.out.println(a + " + " + b);
    }
}
```

```
public class Test {
    public static void main(String[] args) {
        int a = 1;
        int b = 2;
        System.out.println(a * b);
    }
}
```

```
public class Test {
    public static void main(String[] args) {
        int a = 1;
        int b = 2;
        System.out.println(a / b);
    }
}
```

```
public class Test {
    public static void main(String[] args) {
        int a = 1;
        int b = 2;
        System.out.println(a % b);
    }
}
```

```
public class Test {
    public static void main(String[] args) {
        int a = 1;
        int b = 2;
        System.out.println(a + b);
    }
}
```

```
public class Test {
    public static void main(String[] args) {
        int a = 1;
        int b = 2;
        System.out.println(a - b);
    }
}
```

```
public class Test {
    public static void main(String[] args) {
        int a = 1;
        int b = 2;
        System.out.println(a * b);
    }
}
```

```
public class Test {
    public static void main(String[] args) {
        int a = 1;
        int b = 2;
        System.out.println(a / b);
    }
}
```

```
public class Test {
    public static void main(String[] args) {
        int a = 1;
        int b = 2;
        System.out.println(a % b);
    }
}
```

```
public class Test {
    public static void main(String[] args) {
        int a = 1;
        int b = 2;
        System.out.println("Hello" + "World");
    }
}
```

```
Note : Increment and Decrement operator we can apply on any data type
public class Test {
    public static void main(String[] args) {
        int a = 1;
        System.out.println(a++);
    }
}
```

```
public class Test {
    public static void main(String[] args) {
        int a = 1;
        System.out.println(a--);
    }
}
```

```
public class Test {
    public static void main(String[] args) {
        int a = 1;
        int b = 2;
        System.out.println("a is Greater than " + b);
    }
}
```

```
Note : Comparison error, unreachable code because that keyword
public class Test {
    public static void main(String[] args) {
        int a = 1;
        System.out.println("Hello");
        System.out.println("World");
    }
}
```

```
public class Test {
    public static void main(String[] args) {
        int a = 1;
        int b = 2;
        System.out.println("a is less than or equal to " + b);
    }
}
```

```
Note : In case we are assigned a operator while working with if condition, it will give compilation error.
public class Test {
    public static void main(String[] args) {
        int a = 1;
        System.out.println("Hello");
        System.out.println("World");
    }
}
```

```
public class Test {
    public static void main(String[] args) {
        int a = 1;
        System.out.println("Hello");
        System.out.println("World");
    }
}
```

```
public class Test {
    public static void main(String[] args) {
        int a = 1;
        System.out.println("Hello");
        System.out.println("World");
    }
}
```

```
public class Test {
    public static void main(String[] args) {
        int a = 1;
        System.out.println("Hello");
        System.out.println("World");
    }
}
```

```
public class Test {
    public static void main(String[] args) {
        int a = 1;
        System.out.println("Hello");
        System.out.println("World");
    }
}
```

```
public class Test {
    public static void main(String[] args) {
        int a = 1;
        System.out.println("Hello");
        System.out.println("World");
    }
}
```

```
public class Test {
    public static void main(String[] args) {
        int a = 1;
        System.out.println("Hello");
        System.out.println("World");
    }
}
```

```
public class Test {
    public static void main(String[] args) {
        int a = 1;
        System.out.println("Hello");
        System.out.println("World");
    }
}
```

```
public class Test {
    public static void main(String[] args) {
        int a = 1;
        System.out.println("Hello");
        System.out.println("World");
    }
}
```

```
public class Test {
    public static void main(String[] args) {
        int a = 1;
        System.out.println("Hello");
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public class Test {
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public class Test {
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public class Test {
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public class Test {
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        int a = 1;
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    }
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