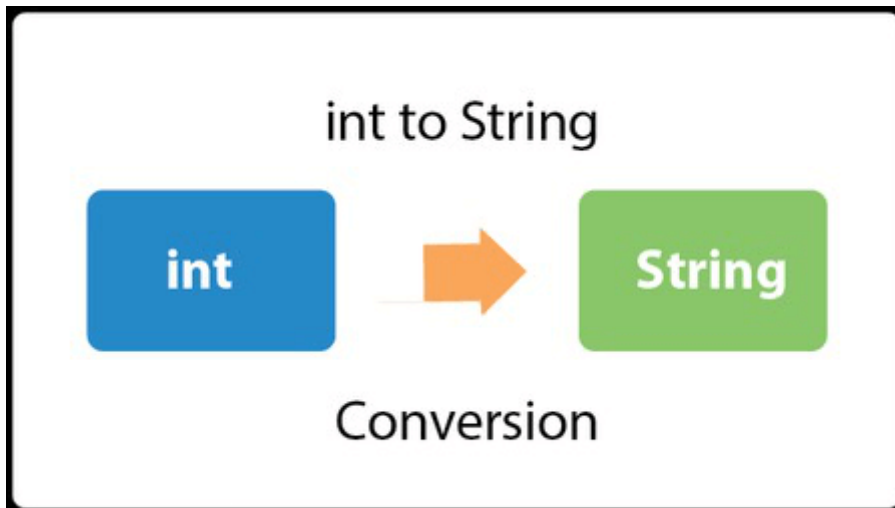


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# Java Convert int to String

We can convert **int to String in java** using *String.valueOf()* and *Integer.toString()* methods. Alternatively, we can use *String.format()* method, string concatenation operator etc.



## Scenario

It is generally used if we have to display number in textfield because everything is displayed as a string in form.

### 1) String.valueOf()

The *String.valueOf()* method converts int to String. The *valueOf()* is the static method of String class. The **signature** of *valueOf()* method is given below:

```
public static String valueOf(int i)
```

### Java int to String Example using String.valueOf()

Let's see the simple code to convert int to String in java.

```
int i=10;  
String s=String.valueOf(i);  
//Now it will return "10"
```

Let's see the simple example of converting String to int in java.

```
public class IntToStringExample1{  
    public static void main(String args[]){  
        int i=200;  
        String s=String.valueOf(i);  
        System.out.println(i+100);//300 because + is binary plus operator  
        System.out.println(s+100);//200100 because + is string concatenation operator  
    }  
}
```

**Test it Now**

Output:

```
300  
200100
```

## 2) Integer.toString()

The Integer.toString() method converts int to String. The toString() is the static method of Integer class. The **signature** of toString() method is given below:

```
public static String toString(int i)
```

## Java int to String Example using Integer.toString()

Let's see the simple code to convert int to String in java using Integer.toString() method.

```
int i=10;  
String s=Integer.toString(i);//Now it will return "10"
```

Let's see the simple example of converting String to int in java.

```
public class IntToStringExample2{
    public static void main(String args[]){
        int i=200;
        String s=Integer.toString(i);
        System.out.println(i+100);//300 because + is binary plus operator
        System.out.println(s+100);//200100 because + is string concatenation operator
    }
}
```

#### Test it Now

Output:

```
300
200100
```

### 3) String.format()

The String.format() method is used to format given arguments into String. It is introduced since Jdk 1.5.

```
public static String format(String format, Object... args)
```

### Java int to String Example using String.format()

Let's see the simple code to convert int to String in java using String.format() method.

```
public class IntToStringExample3{
    public static void main(String args[]){
        int i=200;
        String s=String.format("%d",i);
        System.out.println(s);
    }
}
```

## Test it Now

Output:

200

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