

# Java Program to Convert String to Boolean

## Java – Convert String to Boolean

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You can typecast or convert a String to Boolean in Java in many ways. Some of them are using `Boolean.parseBoolean()`, `Boolean.valueOf()`, `new Boolean()`.

In this tutorial, we shall learn some of the ways of how to convert a string value to a boolean value with examples.

### String to Boolean using `Boolean.parseBoolean()`

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`Boolean.parseBoolean(str)` parses any parsable boolean value from string to boolean value.

In this example, we shall use `Boolean.parseBoolean()` method and pass some string values that could parse to a valid boolean value.

#### Java Program

```
/**
 * Java Program - Convert String to Boolean
 */

public class StringToBoolean {

    public static void main(String[] args) {

        boolean n;

        n = Boolean.parseBoolean("True"); //true
        System.out.println(n);

        n = Boolean.parseBoolean("TRUE"); //true
        System.out.println(n);

        n = Boolean.parseBoolean("true"); //true
        System.out.println(n);

        n = Boolean.parseBoolean("1235"); //false
        System.out.println(n);

        n = Boolean.parseBoolean("0"); //false
        System.out.println(n);

        n = Boolean.parseBoolean("false"); //false
        System.out.println(n);
    }
}
```

```
System.out.println(n);

n = Boolean.parseBoolean("FALSE"); //false
System.out.println(n);

n = Boolean.parseBoolean("true "); //false
System.out.println(n);
}
}
```

Only the string `"true"` with case ignored is parsed as boolean true. Any other value parsed to `Boolean.parseBoolean()` returns false.

If you provide a `null` string value to `parseBoolean()`, the function returns false.

Run the above program and the String shall convert to Boolean, with results as shown in the following console output.

```
true
true
true
false
false
false
false
false
false
false
```

## String to Boolean using `Boolean.valueOf()`

You can also use `Boolean.valueOf()` function to convert a string to boolean.

In the following example, we shall use the method `valueOf()` to get boolean value from string.

### Java Program

```
/**
 * Java Program - Convert String to Boolean
 */

public class StringToBoolean {

    public static void main(String[] args) {

        boolean n;

        n = Boolean.valueOf("True"); //true
        System.out.println(n);

        n = Boolean.valueOf("TRUE"); //true
        System.out.println(n);
    }
}
```

```

n = Boolean.valueOf("true"); //true
System.out.println(n);

n = Boolean.valueOf("1235"); //false
System.out.println(n);

n = Boolean.valueOf("0"); //false
System.out.println(n);

n = Boolean.valueOf("false"); //false
System.out.println(n);

n = Boolean.valueOf("FALSE"); //false
System.out.println(n);

n = Boolean.valueOf("TR UE"); //false
System.out.println(n);

n = Boolean.valueOf(null); //false
System.out.println(n);
}
}

```

## String to Boolean using – new Boolean()

**Note:** `new Boolean()` constructor is deprecated. So, you may get warning when you are following this process. `Boolean.valueOf()` is recommended in the place of `new Boolean()`.

You can also use the constructor of Boolean class, to convert a string to boolean.

In the following example, we shall use the constructor of Boolean class to convert from string to boolean.

### Java Program

```

/**
 * Java Program - Convert String to Boolean
 */

public class StringToBoolean {

    public static void main(String[] args) {

        boolean n;

        n = new Boolean("True"); //true
        System.out.println(n);

        n = new Boolean("TRUE"); //true
        System.out.println(n);

        n = new Boolean("true"); //true
        System.out.println(n);

        n = new Boolean("1235"); //false
        System.out.println(n);
    }
}

```

```

        System.out.println(n);

        n = new Boolean("0"); //false
        System.out.println(n);

        n = new Boolean("false"); //false
        System.out.println(n);

        n = new Boolean("FALSE"); //false
        System.out.println(n);

        n = new Boolean("TR UE"); //false
        System.out.println(n);

        n = new Boolean(null); //false
        System.out.println(n);
    }
}

```

## Conclusion

In this [Java Tutorial](#), we learned how to Convert a String to Boolean value in Java using `Boolean.parseBoolean()` and `Boolean.valueOf()` methods.

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