

Java Program to Convert Int to Long

Java – Convert Int to Long

In this tutorial, we shall learn how to convert an integer value to a long value.

Firstly, we shall go through the process of widening primitive conversion, where we shall take the advantage of implicit casting of lower datatype to higher datatypes. Secondly, we shall discuss about `Integer.longValue()` method, which returns this integer as a long.

Convert Int to Long – Widening Casting

Int is a smaller datatype and long is a larger datatype. So, when you assign an int value to long variable, the conversion of int to long automatically happens in Java. This is also called widening casting or widening primitive conversion.

So, to convert an int to long using widening casting, you can just assign a value of int to long.

In the following example, we have a variable `n` which is of int type. We shall assign `i` to long variable `l` during its declaration.

Java Program

```
/**
 * Java Program - Convert Int to Long
 */

public class IntToLong {

    public static void main(String[] args) {
        Integer i = 125;
        long l = 125;
        System.out.println(l);
    }
}
```

Output

```
125
```

Convert Int Bits to Long – Integer.longValue()

Integer.longValue() performs a widening primitive conversion on this integer object and returns a long value.

In the following example, we shall take an integer object initialized to a value, and call longValue() method on this object.

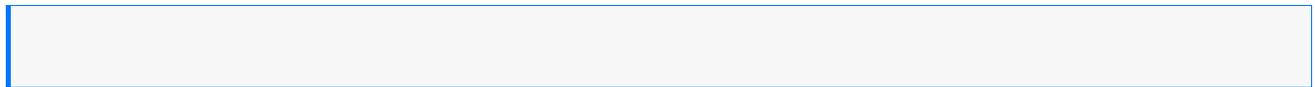
Java Program

```
/**
 * Java Program - Convert Int to Long
 */

public class IntToLong {

    public static void main(String[] args) {
        Integer i = 85;
        long l = i.longValue();
        System.out.println(l);
    }
}
```

Output



Conclusion

In this [Java Tutorial](#), we learned how to write Java programs to convert an Int to Long, with the help of example Java programs.

◆ [Java Tutorial](#)

◆ [Java - String to Int](#)

◆ [Java - String to Float](#)

◆ [Java - String to Double](#)

◆ [Java - String to Long](#)

◆ [Java - String to Boolean](#)

◆ [Java - Int to String](#)

◆ [Java - Int to Float](#)

◆ Java - Int to Double

⇒ **Java - Int to Long**

◆ Java - Int to Char

◆ Java - Float to String

◆ Java - Float to Int

◆ Java - Float to Double

◆ Java - Float to Long

◆ Java - Long to String

◆ Java - Long to Float

◆ Java - Long to Double

◆ Java - Long to Int

◆ Java - Double to String

◆ Java - Double to Float

◆ Java - Double to Int

◆ Java - Double to Long

◆ Java - Char to Int

◆ Java - Boolean to String