

JAVA.LANG.INTEGER.DECODE METHOD

http://www.tutorialspoint.com/java/lang/integer_decode.htm

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Description

The **java.lang.Integer.decode** method decodes a String into an Integer. It accepts decimal, hexadecimal, and octal number.

Declaration

Following is the declaration for **java.lang.Integer.decode** method

```
public static Integer decode(String nm) throws NumberFormatException
```

Parameters

- **nm** -- This is the String to decode.

Return Value

This method returns an Integer object holding the int value represented by nm .

Exception

- **NumberFormatException** -- if the String does not contain a parsable integer.

Example

The following example shows the usage of java.lang.Integer.decode method.

```
package com.tutorialspoint;

import java.lang.*;

public class IntegerDemo {

    public static void main(String[] args) {

        Integer i = new Integer(10);

        String str = "50";
        /* returns an Integer object holding the int value represented
        by string str */
        System.out.println("Number = " + i.decode(str));
    }
}
```

Let us compile and run the above program, this will produce the following result:

```
Number = 50
```

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