

# JAVA.LANG.STRICTMATH.ABS METHOD

[http://www.tutorialspoint.com/java/lang/strictmath\\_abs\\_int.htm](http://www.tutorialspoint.com/java/lang/strictmath_abs_int.htm)

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## Description

The **java.lang.StrictMath.abs** method returns the absolute value of an int value. If the argument is not negative, the argument is returned. If the argument is negative, the negation of the argument is returned.

## Declaration

Following is the declaration for **java.lang.StrictMath.abs** method

```
public static int abs(int a)
```

## Parameters

- **a** -- This is the argument whose absolute value is to be determined.

## Return Value

This method returns the absolute value of an int value.

## Exception

- **NA**

## Example

The following example shows the usage of java.lang.StrictMath.abs method.

```
package com.tutorialspoint;

import java.lang.*;

public class StrictMathDemo {

    public static void main(String[] args) {

        int i1 = 54 , i2 = -35;

        // returns the absolute value of positive int value
        int iAbsValue = StrictMath.abs(i1);
        System.out.println("absolute value of " + i1 + " = " + iAbsValue);

        // returns the absolute value of negative int value
        iAbsValue = StrictMath.abs(i2);
        System.out.println("absolute value of " + i2 + " = " + iAbsValue);
    }
}
```

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

```
absolute value of 54 = 54
absolute value of -35 = 35
```

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