

JAVA.LANG.SHORT.EQUALS METHOD EXAMPLE

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

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Description

The **java.lang.Short.equals** method compares this object to the specified object. The result is true if and only if the argument is not null and is a Short object that contains the same short value as this object.

Declaration

Following is the declaration for **java.lang.Short.equals** method

```
public boolean equals(Object obj)
```

Parameters

- **obj** -- This is the object to compare with.

Return Value

This method returns true if the objects are same, else false.

Exception

- NA

Example

The following example shows the usage of java.lang.Short.equals method.

```
package com.tutorialspoint;

import java.lang.*;

public class ShortDemo {

    public static void main(String[] args) {

        // create short object and assign value to it
        short shortNum1 = 200, shortNum2 = 200, shortNum3 = 50;
        Short ShortObj1 = new Short(shortNum1);
        Short ShortObj2 = new Short(shortNum2);
        Short ShortObj3 = new Short(shortNum3);

        // returns false as both object contains different short value
        boolean val = ShortObj1.equals(ShortObj3);
        System.out.println("shortObj1 and shortObj3 have same value : " + val);

        // returns true as both object contains same short value
        val = ShortObj1.equals(ShortObj2);
        System.out.println("shortObj1 and shortObj2 have same value : " + val);
    }
}
```

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

```
shortObj1 and shortObj3 have same value : false
shortObj1 and shortObj2 have same value : true
Loading [MathJax]/jax/output/HTML-CSS/fonts/TeX/fontdata.js
```