

JAVA.LANG.OBJECT.FINALIZE METHOD

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

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Description

The **java.lang.Object.finalize** is called by the garbage collector on an object when garbage collection determines that there are no more references to the object. A subclass overrides the finalize method to dispose of system resources or to perform other cleanup.

Declaration

Following is the declaration for **java.lang.Object.finalize** method

```
protected void finalize()
```

Parameters

- NA

Return Value

This method does not return a value.

Exception

- **Throwable** -- the Exception raised by this method

Example

The following example shows the usage of lang.Object.finalize method.

```
package com.tutorialspoint;

import java.util.*;

public class ObjectDemo extends GregorianCalendar {

    public static void main(String[] args) {
        try {
            // create a new ObjectDemo object
            ObjectDemo cal = new ObjectDemo();

            // print current time
            System.out.println(" " + cal.getTime());

            // finalize cal
            System.out.println("Finalizing...");
            cal.finalize();
            System.out.println("Finalized.");

        } catch (Throwable ex) {
            ex.printStackTrace();
        }
    }
}
```

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

```
Sat Sep 22 00:27:21 EEST 2012
Finalizing...
Finalized.
```

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