JAVA.IO.OBJECTINPUTSTREAM.CLOSE METHOD

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Description

The **java.io.ObjectInputStream.close** method closes the input stream. Must be called to release any resources associated with the stream.

Declaration

Following is the declaration for **java.io.ObjectInputStream.close** method

```
public void close()
```

Parameters

- **NA**

Return Value

This method does not return a value.

Exception

- **IOException** -- If an I/O error has occurred.

Example

The following example shows the usage of **java.io.ObjectInputStream.close** method.

```
package com.tutorialspoint;

import java.io.*;

public class ObjectInputStreamDemo {

   public static void main(String[] args) {

      try {

         // create a new file with an ObjectOutputStream
         FileOutputStream out = new FileOutputStream("test.txt");
         ObjectOutputStream oout = new ObjectOutputStream(out);

         // write something in the file
         oout.writeUTF("Hello World");
         oout.flush();

         // create an ObjectInputStream for the file we created before
         ObjectInputStream ois = new ObjectInputStream(new FileInputStream("test.txt"));

         // read from the stream
         for (int i = 0; i < ois.available();) {
            System.out.print("" + (char) ois.read());
         }

         // change line
         System.out.println();

         // close the stream
         System.out.println("Closing Stream...");
         ois.close();
         System.out.println("Stream Closed.");
```

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

   }
}
```

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

```
Hello World
Closing Stream...
Stream Closed.
```

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