JAVA.IO.DATAOUTPUTSTREAM.WRITE METHOD

Description

The **java.io.BufferedInputStream.write*intb*** method writes the specified source byte to the underlying output stream. The counter **written** is incremented by 1 on successful invocation.

Declaration

Following is the declaration for **java.io.DataOutputStream.write*intb*** method:

```
public void write(int b)
```

Parameters

- **b** -- The source byte as integer.

Return Value

This method does not return any value.

Exception

- **IOException** -- If an I/O error occurs.

Example

The following example shows the usage of java.io.DataOutputStream.write*intb* method.

```
package com.tutorialspoint;

import java.io.ByteArrayOutputStream;
import java.io.DataOutputStream;
import java.io.IOException;

public class DataOutputStreamDemo {
   public static void main(String[] args) throws IOException {

      ByteArrayOutputStream baos = null;
      DataOutputStream dos = null;
      int[] buf = {65, 66, 67, 68, 69, 70, 71};

      try{
         // create byte array output stream
         baos = new ByteArrayOutputStream();

         // create data output stream
         dos = new DataOutputStream(baos);

         // write to the stream from integer array
         for(int i: buf)
         {
            dos.write(i);
         }

         // flushes bytes to underlying output stream
         dos.flush();

         // for each byte in the baos buffer content
         for(byte b:baos.toByteArray())
         {
            // convert byte to char
            char c = (char)b;
```

```
            // print character
            System.out.print(c);
         }
      }catch(Exception e){
         // if any error occurs
         e.printStackTrace();
      }finally{

         // releases all system resources from the streams
         if(baos!=null)
            baos.close();
         if(dos!=null)
            dos.close();
      }
   }
}
```

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

```
ABCDEFG
```