**Java DataOutputStream Class**

Java DataOutputStream class allows an application to write primitive Java data types to the output stream in a machine-independent way.

Java application generally uses the data output stream to write data that can later be read by a data input stream.

**Java DataOutputStream class declaration**

Let's see the declaration for java.io.DataOutputStream class:

1. **public** **class** DataOutputStream **extends** FilterOutputStream **implements** DataOutput

**Java DataOutputStream class methods**

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| **Method** | **Description** |
| int size() | It is used to return the number of bytes written to the data output stream. |
| void write(int b) | It is used to write the specified byte to the underlying output stream. |
| void write(byte[] b, int off, int len) | It is used to write len bytes of data to the output stream. |
| void writeBoolean(boolean v) | It is used to write Boolean to the output stream as a 1-byte value. |
| void writeChar(int v) | It is used to write char to the output stream as a 2-byte value. |
| void writeChars(String s) | It is used to write string to the output stream as a sequence of characters. |
| void writeByte(int v) | It is used to write a byte to the output stream as a 1-byte value. |
| void writeBytes(String s) | It is used to write string to the output stream as a sequence of bytes. |
| void writeInt(int v) | It is used to write an int to the output stream |
| void writeShort(int v) | It is used to write a short to the output stream. |
| void writeShort(int v) | It is used to write a short to the output stream. |
| void writeLong(long v) | It is used to write a long to the output stream. |
| void writeUTF(String str) | It is used to write a string to the output stream using UTF-8 encoding in portable manner. |
| void flush() | It is used to flushes the data output stream. |

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| **package** com.company;  **import** java.io.\*;  **public class** Main {   **public static void** main(String[] args) **throws** Exception{  **try** {  FileOutputStream fileOutputStream = **new** FileOutputStream(**"D:\\Cat.txt"**);  DataOutputStream dataOutputStream = **new** DataOutputStream(fileOutputStream);  dataOutputStream.write(65);  dataOutputStream.writeBoolean(**true**);  dataOutputStream.writeChar(96);  dataOutputStream.writeByte(70);  dataOutputStream.writeBytes(**"got the match"**);  dataOutputStream.writeShort(75);  dataOutputStream.writeUTF(**"got the utf bitch"**);  dataOutputStream.flush();  dataOutputStream.close();  System.***out***.println(**"Success..........."**);  } **catch** (Exception ex){  System.***out***.println(**"Message : "** + ex);  }  } *//A `Fgot the match K got the utf bitch* } | *A*    *`*  *F*  *got the match*  *K*  *got the utf bitch* |