## Input/output streams

```
FileWriter: Character file output stream
```

```
FileWriter writer = new FileWriter(new File(path), false); // Overwrite
FileWriter writer = new FileWriter(new File(path), true); // Append
writer.write("Message to save in text file.\n"); // Write to stream
```

writer.flush(); // Flush output to destination

writer.close(); // Close output stream

## BufferedReader: Character file input stream

```
BufferedReader reader = new BufferedReader(new File(path)));
String message = reader.readLine(); // Read from input stream
if (reader.ready()) // Test whether there are still characters to read
reader.close(); // Close input stream
```

## ObjectOutputStream: Data file output stream

```
ObjectOutputStream out
    = new ObjectOutputStream(new FileOutputStream(new File(path)));
out.writeUTF("Message");
out.writeInt(99);
out.writeDouble(44.5);
out.writeBoolean(false);
out.writeObject(serializableObject);
out.flush();
out.close();
```

## BufferedReader: Data file input stream