

Mr. Fahrenbacher
VGPD
Read/Write Files CORRECTLY

1) What you're probably currently doing to read in data from a file:

```
BufferedReader reader = new BufferedReader(new FileReader("my_file"));
```

```
String next;  
while((next = reader.readLine()) != null)  
{  
    //do something  
}
```

```
reader.close();
```

2) What you should do for reading data after you jar up your project:

```
BufferedReader reader = new BufferedReader(new InputStreamReader(getClass().getResourceAsStream("my_file")));  
//"my_file" may need to include the path within your project to the file. so if it's in the skuza package, you would have to  
//put "skuza/my_file". Do NOT put "src" in your path.
```

```
String next;  
while((next = reader.readLine()) != null)  
{  
    //do something  
}
```

```
reader.close();
```

3) You can only write data to a file OUTSIDE of your project after you jar it up.

```
String userHome = System.getProperty("user.home"); //gets the path to the user's home directory
```

```
PrintWriter pw = new PrintWriter(userHome + "/fileToWriteTo");  
//write data to the print writer  
pw.close();
```