

10/26/15 02:01:07 /home/15504319/DSA120/DSAAssignment/DSAAssignment.java

```
1  /*****
2  *   FILE: DSAAssignment.java
3  *   AUTHOR: Connor Beardsmore - 15504319
4  *   UNIT: DSA120 Assignment S2- 2015
5  *   PURPOSE: Main Program for Hardly Normal Assignment
6  *   LAST MOD: 24/10/15
7  *   REQUIRES: java.io.IOException, connorLib.Cartoon/DistroCentre
8  *****/
9  import java.io.IOException;
10 import connorLib.Cartoon;
11 import connorLib.DistroCentre;
12
13 public class DSAAssignment
14 {
15     public static void main(String[] args)
16     {
17         if ( args.length != 2 )
18         {
19             System.err.println("ERROR: Invalid command line parameters");
20             System.out.println("Usage: java DSAAssignment <DC file> <Task file>");
21         }
22         else
23         {
24             String dcFile = args[0];
25             String taskFile = args[1];
26
27             try
28             {
29                 DistroCentre dc = DCHandler.createDC( dcFile );
30                 TaskHandler.performTasks( dc, taskFile, dcFile );
31             }
32             //ALL EXCEPTION HANDLING DONE HERE
33             catch (IOException e)
34             {
35                 System.err.println("FILE ERROR: " + e.getMessage() );
36             }
37             catch (IllegalStateException e)
38             {
39                 System.err.println("STATE ERROR: " + e.getMessage() );
40             }
41             catch (IllegalArgumentException e)
42             {
43                 System.err.println("ARGUMENT ERROR: " + e.getMessage() );
44             }
45             //CATCHING AS A FAILSAFE ONLY
46             catch (Exception e)
47             {
48                 System.err.println("UNEXPECTED ERROR: " + e.toString() );
49             }
50         }
51     }
52 //-----
53 }
```