**ESOF427 – Software Design**

Week 02 – Finger Exercise

88 pts

Due SOC Tuesday 9/6

Your Mbrs folder will be in \\mtclsps-fs\ESOF427F11\esof427f11Mbrs

Part V

* Create the folder EclipseWorkspace*LFM* in your Mbrs folder. If you cannot access your Mbrs folder use a jump drive and bring it with you to class on 9/6
* In your EclipseWorkspace*LFM* create the Java project MileConverter*LFM*
* In your MileConverter*LFM* project create the package mileConverterLFM.
* In your MileConverter*LFM* package create the MileConverterWindow class using the KiloConverterWindow class found in the *MTM Standard for Java Source Files*.
* In your MileConverter*LFM* package create a MileConverterDemo class to instantiate a MileConverterWindow.
* Your project should compile and execute.

You might find the first few pages of Eclipse Help useful. Also, Tami has the library copies of the books *Eclipse Distilled* by David Carlson and *Eclipse* by Steve Holzner that you can borrow for a few hours.

The rubric for this exercise is:

**Setup**

|  |  |  |
| --- | --- | --- |
|  | 0 1 2 3 4 | 4pts |
| * *Workspace folder is not correct*
 |  |  | **16** |
| * *Project folder is not correct*
 |  |  |  |
| * *Package is not correct*
 |  |  |  |

**Code:**

|  |  |  |
| --- | --- | --- |
| **File layout** | 0 1 2 3 4 | 5pt |
| * *No file header*
 | * *No method DESIGNs where appropriate*
 |  | **20** |
| * *File header is not correct*
 | * *Inadequate method REQUIREMENTS*
 |  |  |
| * *No section headings*
 | * *No method DESIGNs where appropriate*
 |  |  |
| * *Incorrect section headings*
 | * *Code does not have linking labels*
 |  |  |
| * *No method DESCRIPTIONs*
 | * *Linking labels are not correct*
 |  |  |
| * *Inadequate method DESCRIPTIONs*
 | * *Some lines break on hard copy*
 |  |  |
| **Variables/Objects** | 01 2 3 4 | 3pt |
| * *Not properly named*
 | * *Not properly suffixed*
 |  | **12** |
| **Indentation** | 0 1 2 3 4 | 3pt |
| * *Not too standard*
 | * *Some right braces are not labeled*
 |  | **12** |

**Compilation:**

|  |  |  |
| --- | --- | --- |
|  | 0 1 2 3 4 | 3pts |
| * *Errors*
 |  |  | **12** |

**Execution:**

|  |  |  |
| --- | --- | --- |
| **General** | 0 1 2 3 4 | 4pt |
| * *Does not start*
 | * *Does not execute w/o error*
 |  | **16** |

|  |  |  |
| --- | --- | --- |
| **Total** |  | **88** |