**University of the Armed Forces - ESPE**

Department of Computer Science, Software career.

Quito - Ecuador

Object oriented programming

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**Unit Test**

**Test Cases for float computeIva (float price, float iva);**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Imput/s** | | | **Expected Result** | **Actual Result** |
| **#** | **price** | **iva** | **gain** |  |
| 1 | 53 | 12% | 59.36 | **Error** |
| 2 | 32.2 | -25% | Printfln(“Error, the values entered are incorrect”) | **Error** |
| 3 | 53.23 | 12% | 59.62 | **Error** |
| 4 | 21.25 | 12% | 23.8 | **Error** |
| 5 | 20 | 0 | Printfln(“Error, the values entered are incorrect”) | **Error** |
| 6 | -632.1 | 12% | Printfln(“Error, the values entered are incorrect”) | **Error** |
| 7 | 5343434.3 | Doce | Printfln(“Error, the values entered are incorrect”) | **Error** |
| 8 | 22,22 | 12% | 24.89 | **Error** |
| 9 | 3.225252 | 12% | 3.62 | **Error** |
| 10 | Cuatrocientos | 12% | Printfln(“Error, the values entered are incorrect”) | **Error** |

**Test Cases for String dataBlender ();**

|  |  |  |  |
| --- | --- | --- | --- |
| **#** | **Imput/s** | **Expected Result** | **Actual Result** |
| **1** | **1235**  **14.6**  **3**  **2** | Printfln(“the data has been saved successfully”) | Printfln(“the data has been saved successfully”) |
| **2** | **11**  **25,1**  **5**  **7** | Printfln(“the data has been saved successfully”) | Printfln(“the data has been saved successfully”) |
| **3** | **52**  **15.1**  **1**  **2** | Printfln(“the data has been saved successfully”) | Printfln(“the data has been saved successfully”) |
| **4** | **7**  **11.6**  **2**  **1** | Printfln(“the data has been saved successfully”) | Printfln(“the data has been saved successfully”) |
| **5** | **\***  **14G** | Printfln(“Error, the data entered is incorrect”) | **Error** |
| **6** | **A** | Printfln(“Error, the data entered is incorrect”) | **Error** |
| **7** | **@** | Printfln(“Error, the data entered is incorrect”) | **Error** |
| **8** | **One**  **Three** | Printfln(“Error, the data entered is incorrect”) | **Error** |
| **9** | **-252,11** | Printfln(“Error, the data entered is incorrect”) | **Error** |
| **10** | **2\*34** | Printfln(“Error, the data entered is incorrect”) | **Error** |