|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **SENG1110/6110 - semester 1 - 2022 - Assignment 1 Marking Schema** | | | | | | | | |
| *ID:* | **3393440** | *Name:* | Avishek Sapkota Sharma | | | *Marker:* | Nick | |
| Incorrect file name /-2 each | | | |  | **Account Class** | | |  |
| Class not submitted /-20 each | | | |  | Instance variables /private 1/2 | | |  |
| Compiles /-3 each | | | |  | Methods 1/6 | | |  |
| Run /-3 each | | | |  | General class design/organisation 4/4 | | |  |
|  | | | |  |  | | |  |
| **Functionality** | | | |  | **Client Class** | | |  |
| Input name 2/2 | | | |  | Instance variables /private 1/2 | | |  |
| Check name/ask again 2/3 | | | |  | Methods 2/6 | | |  |
| Input salary/residence 2/2 | | | |  | General class design/organisation 4/4 | | |  |
| Check salary/ask again 2/3 | | | |  |  | | |  |
| Display tax/net salary/correctly 7/8 | | | |  | **CalculatorInterface Class** | | |  |
| Display medicare or not 2/2 | | | |  | Instance variables /private 2/2 | | |  |
| Input expenses 2/2 | | | |  | Methods 4/6 | | |  |
| Check expenses/ ask again 3/3 | | | |  | General class design/organisation 4/4 | | |  |
| Input investment 2/2 | | | |  |  | | |  |
| Check investment/ask again. 3/3 | | | |  | Input/Output style- GUI/TIO 6/8 | | |  |
| Input rate/length 2/2 | | | |  | Code style & commenting 8/8 | | |  |
| Check rate/length/ask again 3/3 | | | |  |  | | |  |
| Display table correctly. 13/13 | | | |  | **SENG6110- UML** | | |  |
|  | | | |  | UML /-10 | | |  |
|  | | | |  | GUI /-10 | | |  |
|  | | | |  |  | | |  |
|  | | | |  | ***TOTAL (82/100)*** | | |  |

|  |
| --- |
| **Comments:** |
| Functionality (-1) Program needs to prevent less than two names being entered  (-1) Mistakenly prints resident status before printing tax + salary table  (-1) Re-entering annual income presents an error   Account Class (-1) Instance variables need to be private  (-4) No get and set methods for instance variables  (-1) No method called calcInvestment (should return a String of the table data)   Client Class (-1) Instance variables need to be private  (-4) Need get and set methods for all instance variables.   CalculatorInterface (-2) Should create an account in calculatorInterface and set it to the client. The account is then accessed through the clien through the get and set methods. E.g. client.setSavingAccount(account), then client.getSavingAccount().getRate() etc.  (-2) Need more accurate feedback for when the name, salary and investment values input are invalid. |