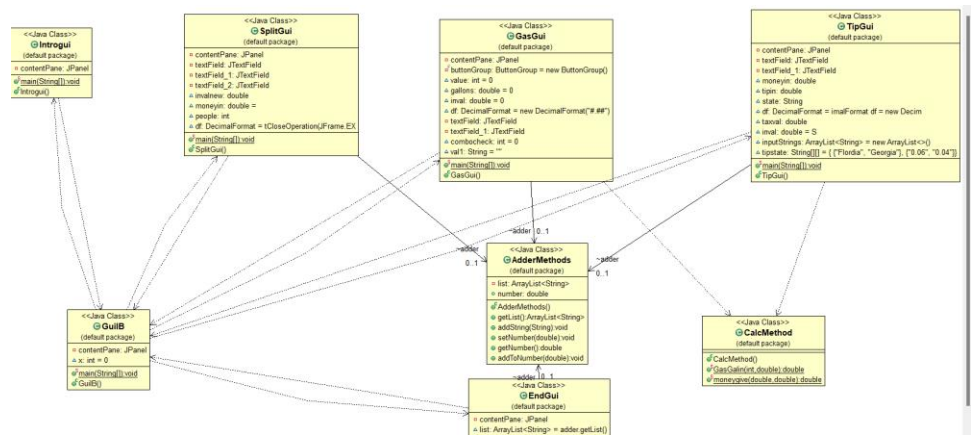


Criterion B: Design



uml

Design of gui

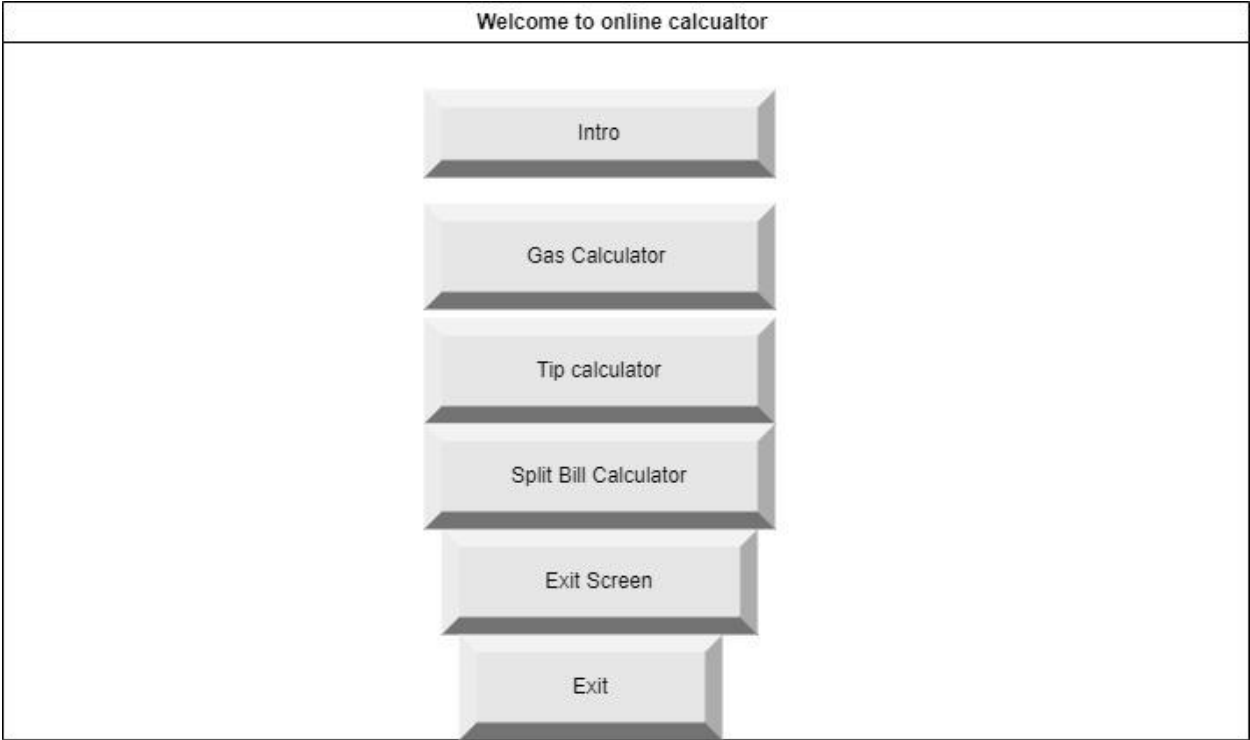


Figure 1 the intro when opening the program

Gas

• Regular

• Special

• Premium

How many gallons does your car need

Check how much you are paying

CHeck and enter

Do you have membership

List

Shell

Gate

bp

none

Check to see how much you saved

Check

Clear

Exit

Save

Figure 2, the gas gui frame when running the program

Tip

How much did you give

Check to see amount given

Enter

Tip ammount

- 5%
- 10%
- 15%

If you chose other, enter

Sales Tax

Florida

Georgia

enter to check

Enter

clear

exit

save

Figure 3, The tip gui frame when running the program

Tip

Use money from previous

enter

If you did not use other calculators

How many people do you want to split upon

enter

Check the value

Enter to check

Clear

Exit

Save values

Figure 4, the split gui frame when running the program

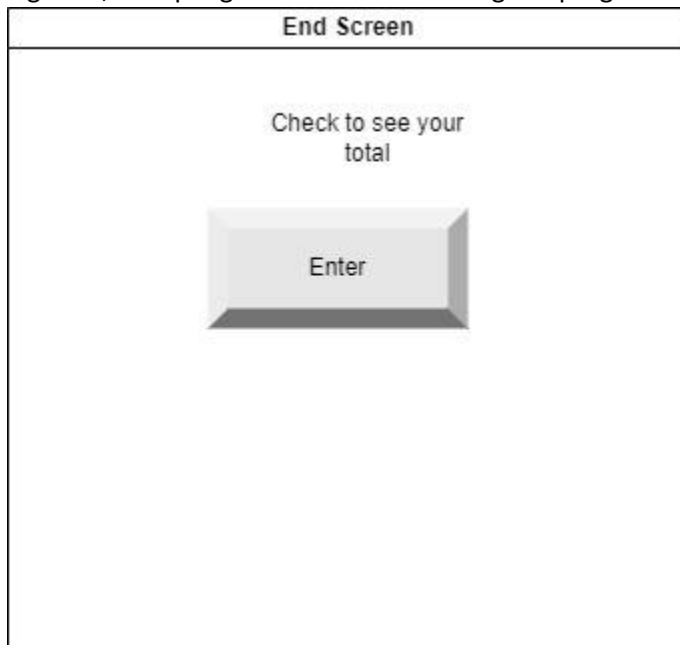


Figure 5, the end screen frame when running the program

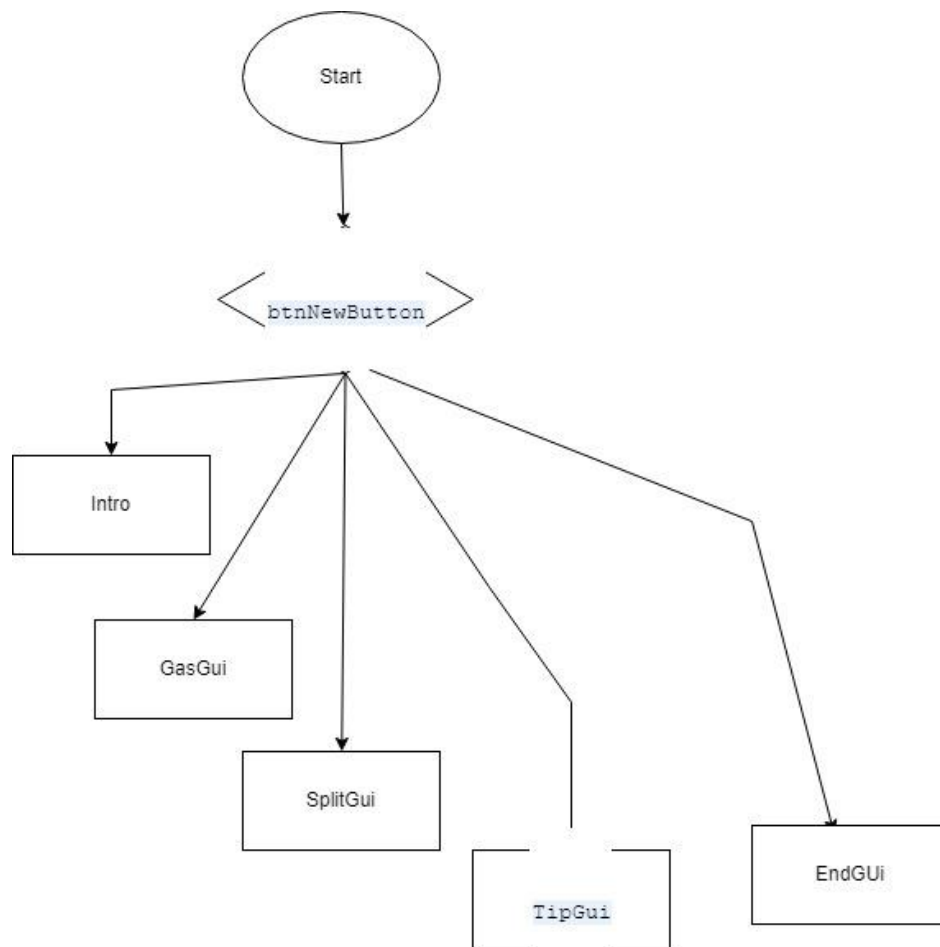


Figure 6- User sees main menu and can select between menus

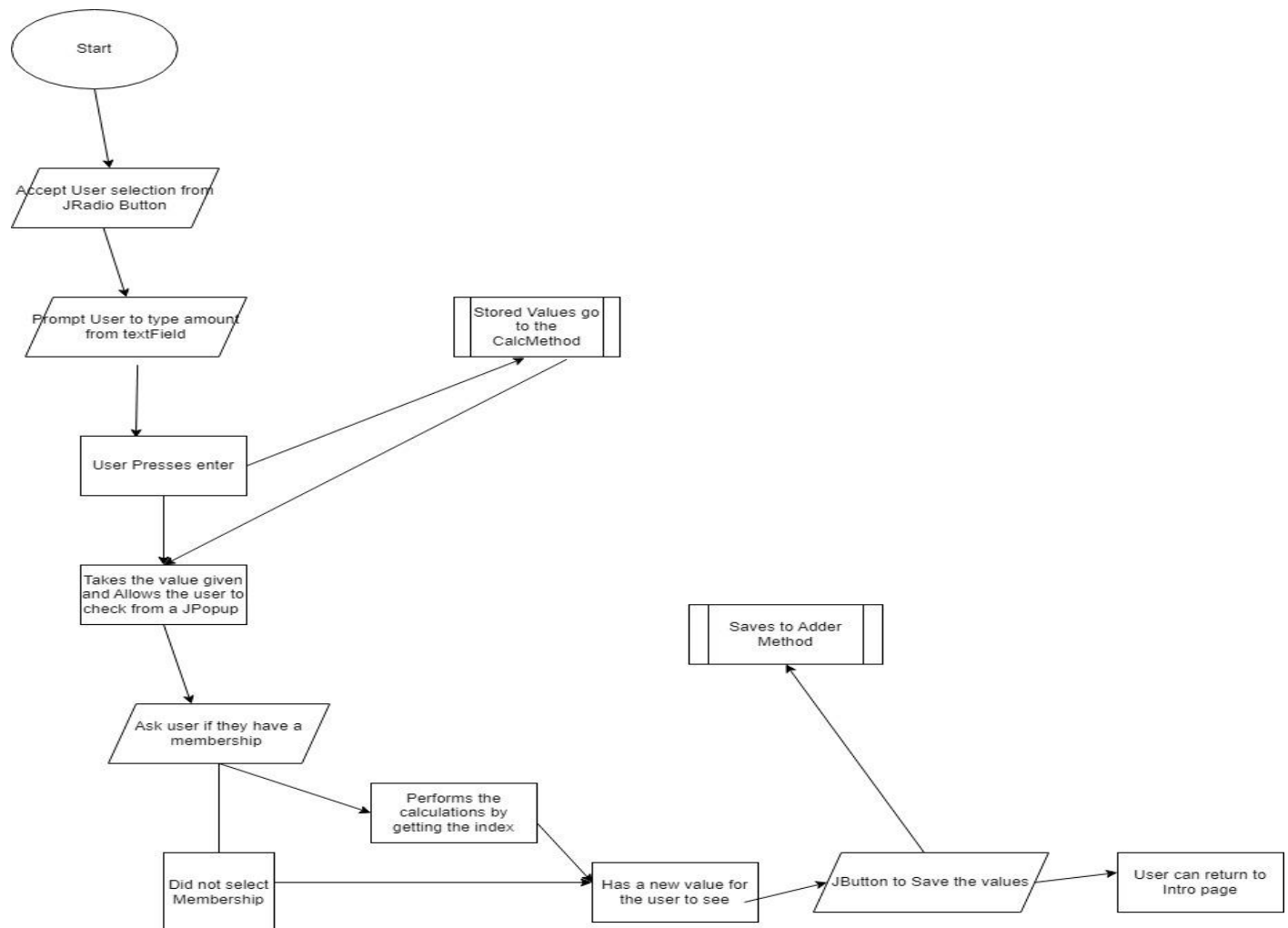


Figure 7. Process of running one of the frames

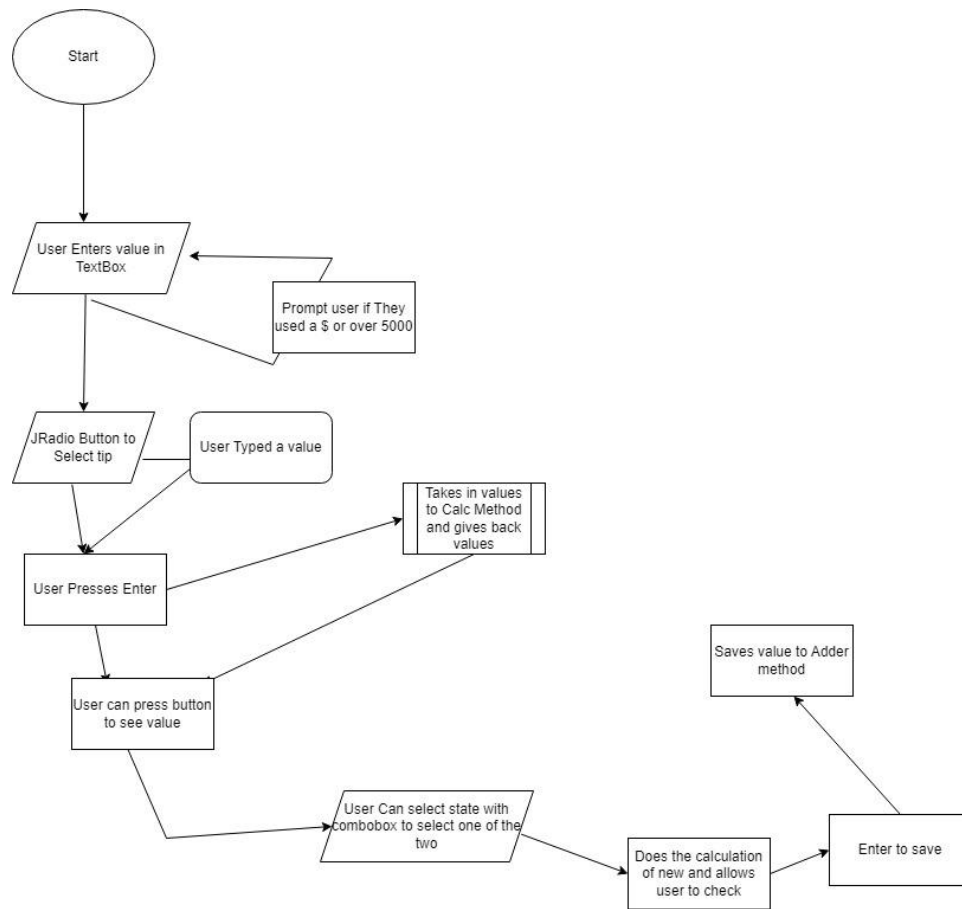


Figure 8 Process of the Splitgui frame

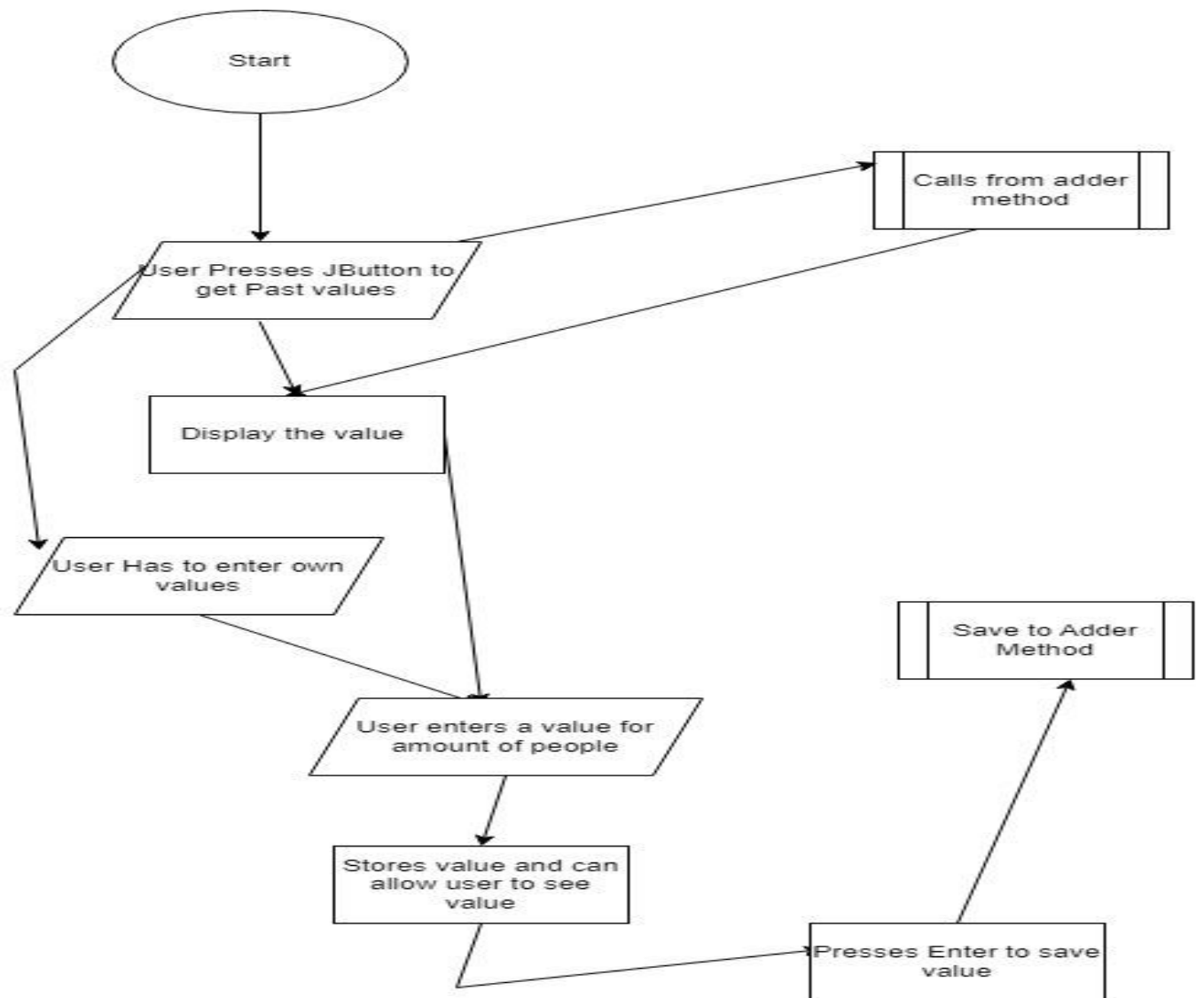


Figure 9 Shows process of split gui frame

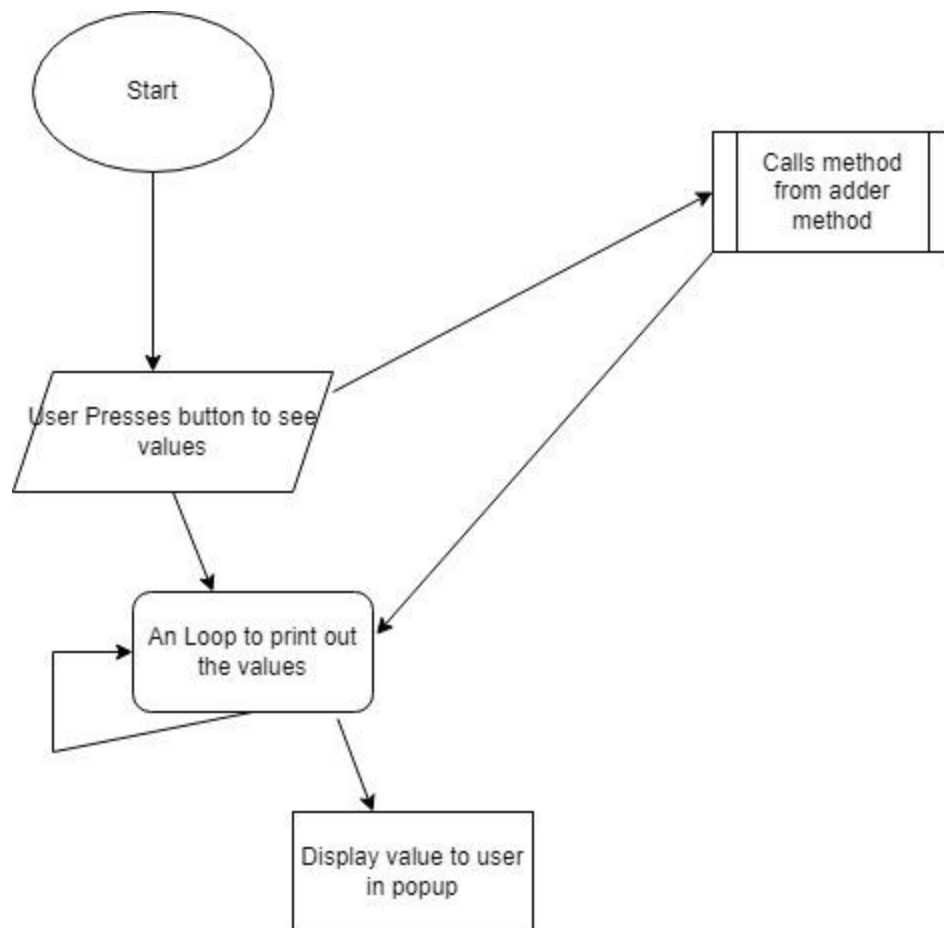


Figure 10 Shows process of End Gui frame

Action to be Tested	Test Method
Test if the user forgot to put a decimal place.	Input a number greater than 5000, if the number was greater than 5000 then tell the user that they forgot a decimal place
Test if the user put a \$ when inputting	User puts the \$ along with a value, it will throw message saying you cannot do that
When the user wants to switch between menus, she can press the JButton which will allow for her to go back to the main screen	The User presses a button saying to back to menu which leads her back to the menu page
Test if the numbers printed out are rounded to the second place	The user during her time in the program can enter a double or an int that will give back a value to the second place

Test if the program stored the values for a later time	Press a button near the end of the program to check if the values were stored.
Test if the calculator works properly.	The user can run though the program and see if they get a value back when pressing the buttons

Total words: 97