

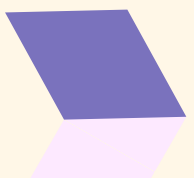
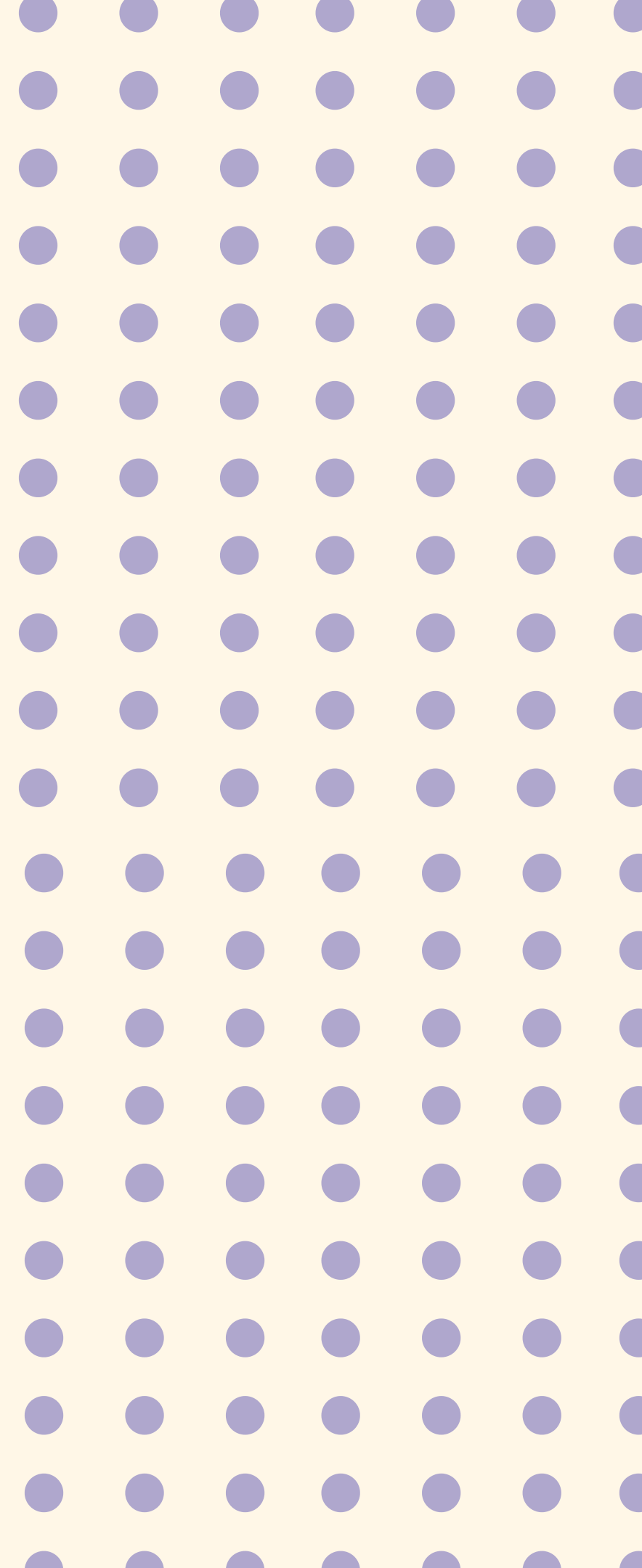


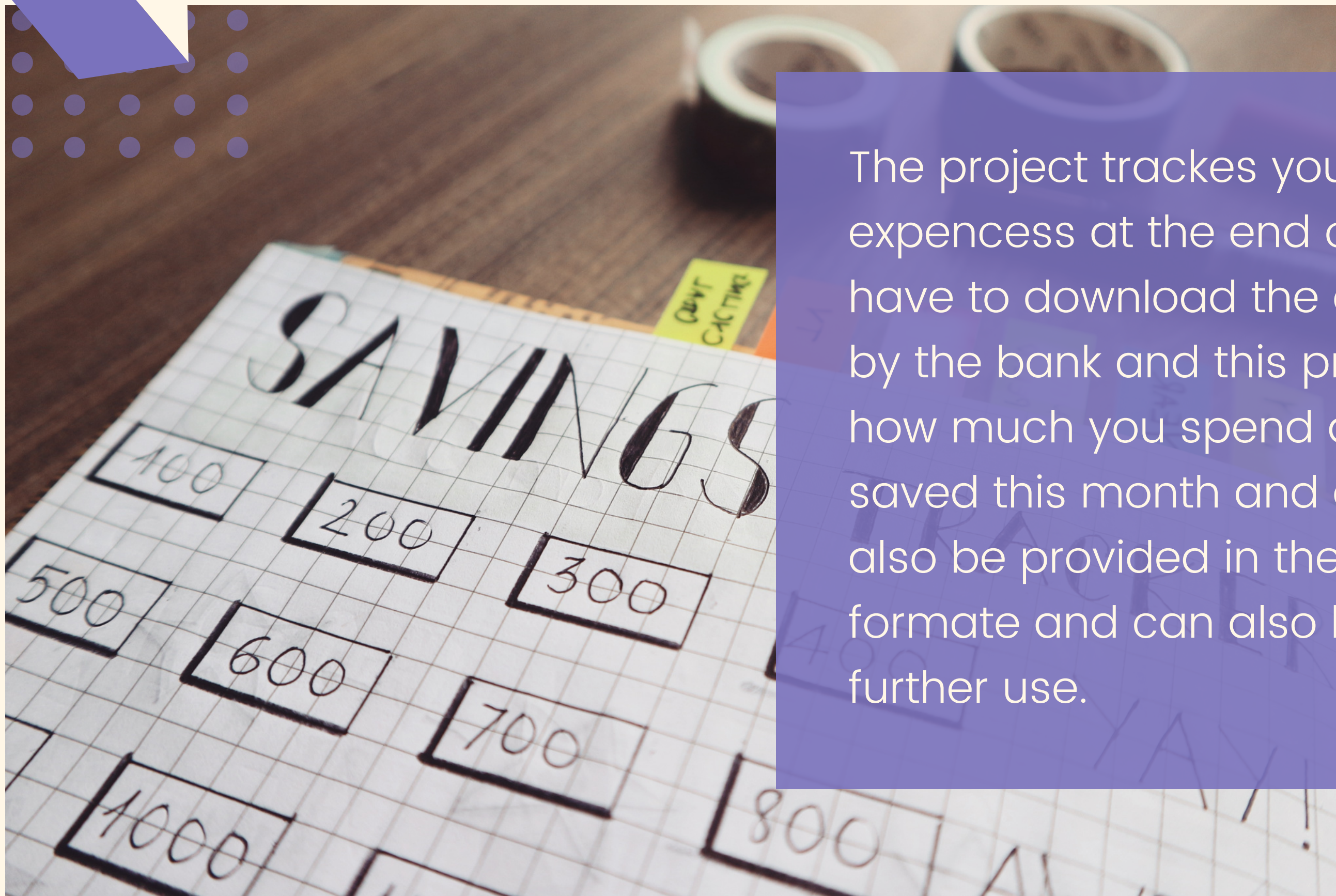
INT-213 CA1

EXPENSE TRACKER

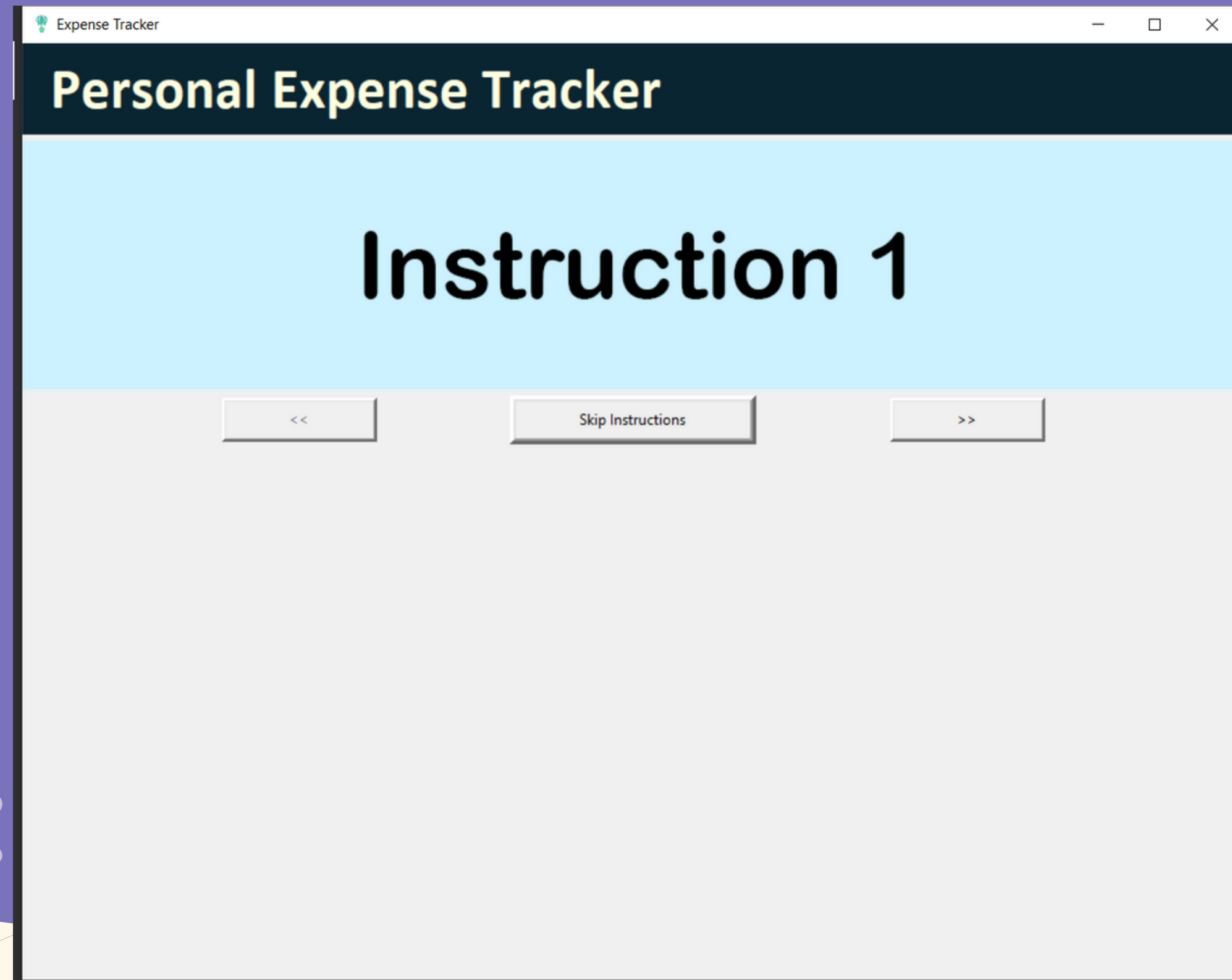
Made By : Priyanka Shaw(roll no : 67, Reg No : 11913286)
Prajjawal Pandit(roll no : 04, Reg No : 11912869)

Github link : <https://github.com/prajjawal1604/Python-tkinter-Project.git>





The project tracks your monthly expences at the end of the month you have to download the csv file provided by the bank and this project will tell you how much you spend and ho much you saved this month and all the data will also be provided in the graphical formate and can also be saved for further use.



CONCEPTS USED

Widgets

Graphs

Images

GUI

Pandas

Matplot

etc

FUNCTIONS USED

`ins(x)`

`skipcmd()`

`next_fun()`

`open()`

`reset_fun()`

`track()`

`graph1()`

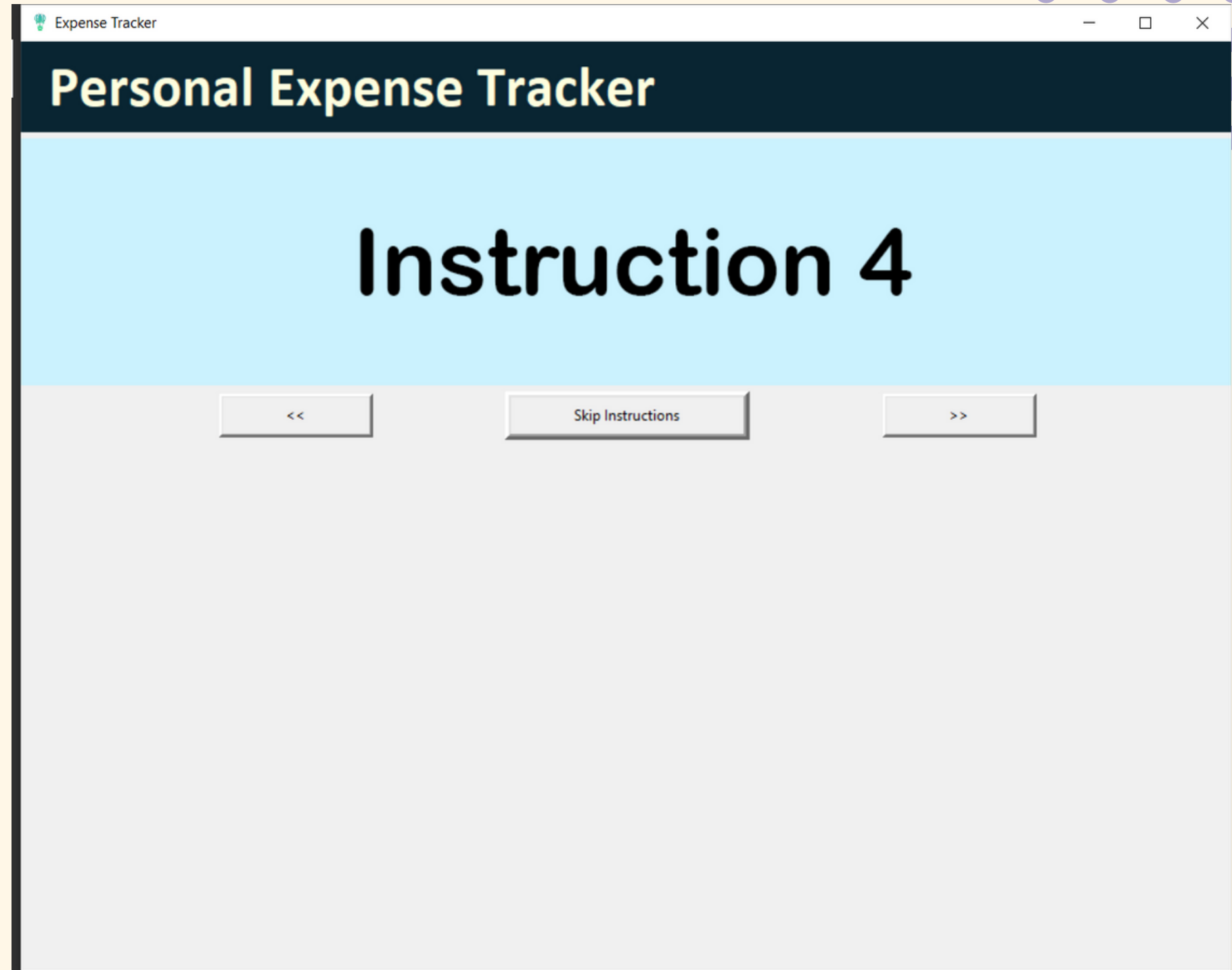
`graph2()`

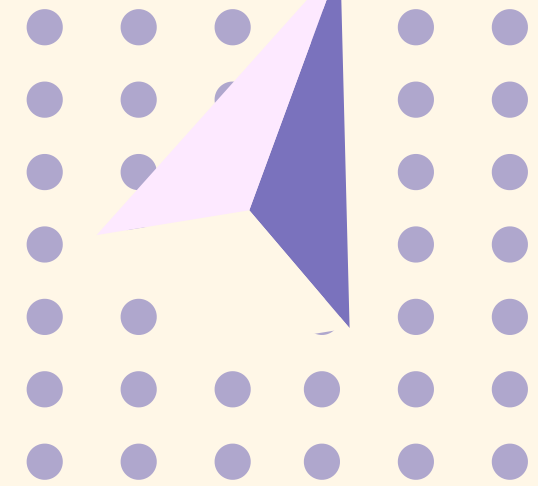
`graph3()`

`graph4()`

`graph()`

`new_window()`





■ **INS(x)**

This function controls the movement of the instruction pictures and also keep the track on the next and previous buttons.

■ **SKIPCMD()**

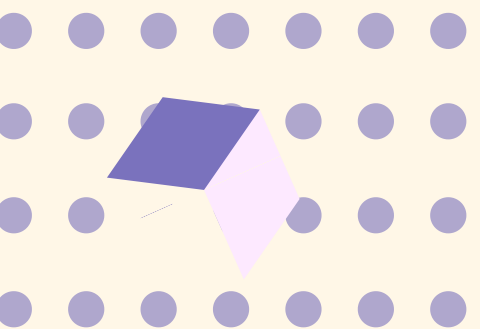
This function displays the input section and allow us to progress further.

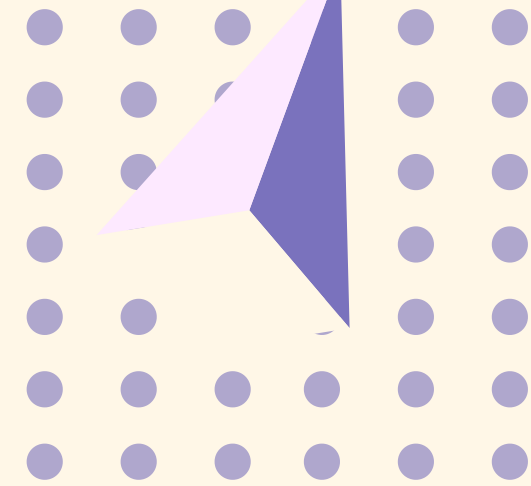
■ **NEXT_FUN()**

Next_fun creates the imoprt button and the continue button to load the file and get the result.

■ **OPEN()**

open function helps in opening the file by featching the file location. It opens a custom window so that we can easliy find our file.





■ RESET_FUN()

Reset function disables the continue button and resets the file location so that we can choose the file again.

■ TRACK()

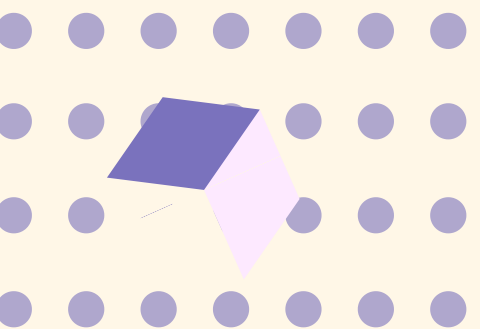
In this function we declare four variable (earning,spend,saving,amo,date) globally. Also we read csv file and change the columns amount and date into the list. We use a For loop to get the value of earning, spend and saving.

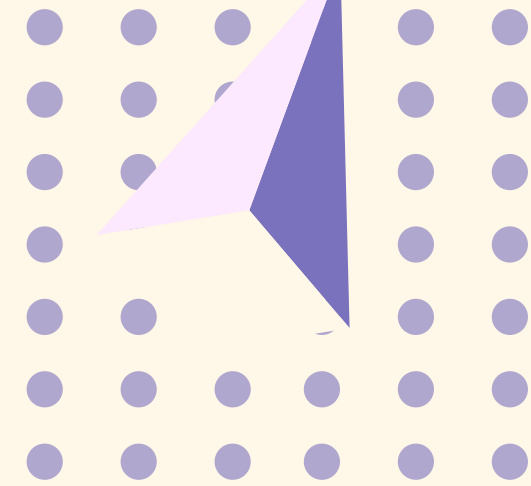
■ GRAPH1()

In this function we plot a piechart between saving and spend. Basically we plot a piechart on the monthly basis.

■ GRAPH2()

In this function we plot a piechart between per day saving and per day spend.





■ **GRAPH3()**

In this function we plot a bar graph and line graph between per day earning and avg earning per day.

■ **GRAPH4()**

In this function we plot a bar graph and line graph between per day spending and avg spending per day.

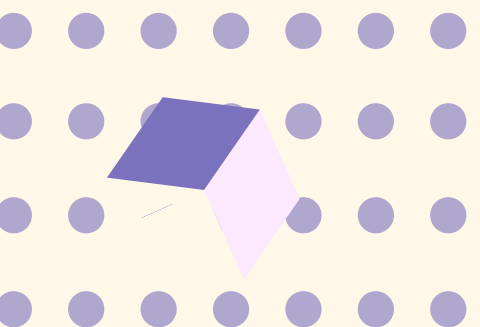
■ **GRAPH()**

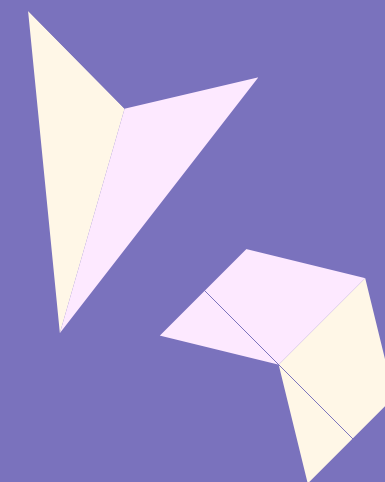
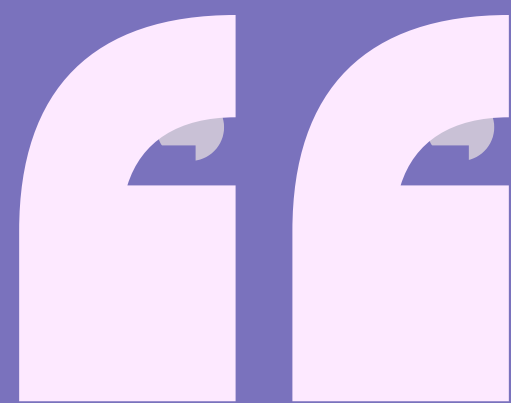
This function targets all the graphs by creating the buttons and giving access to all the graphs.

■ **NEW_WINDOW()**

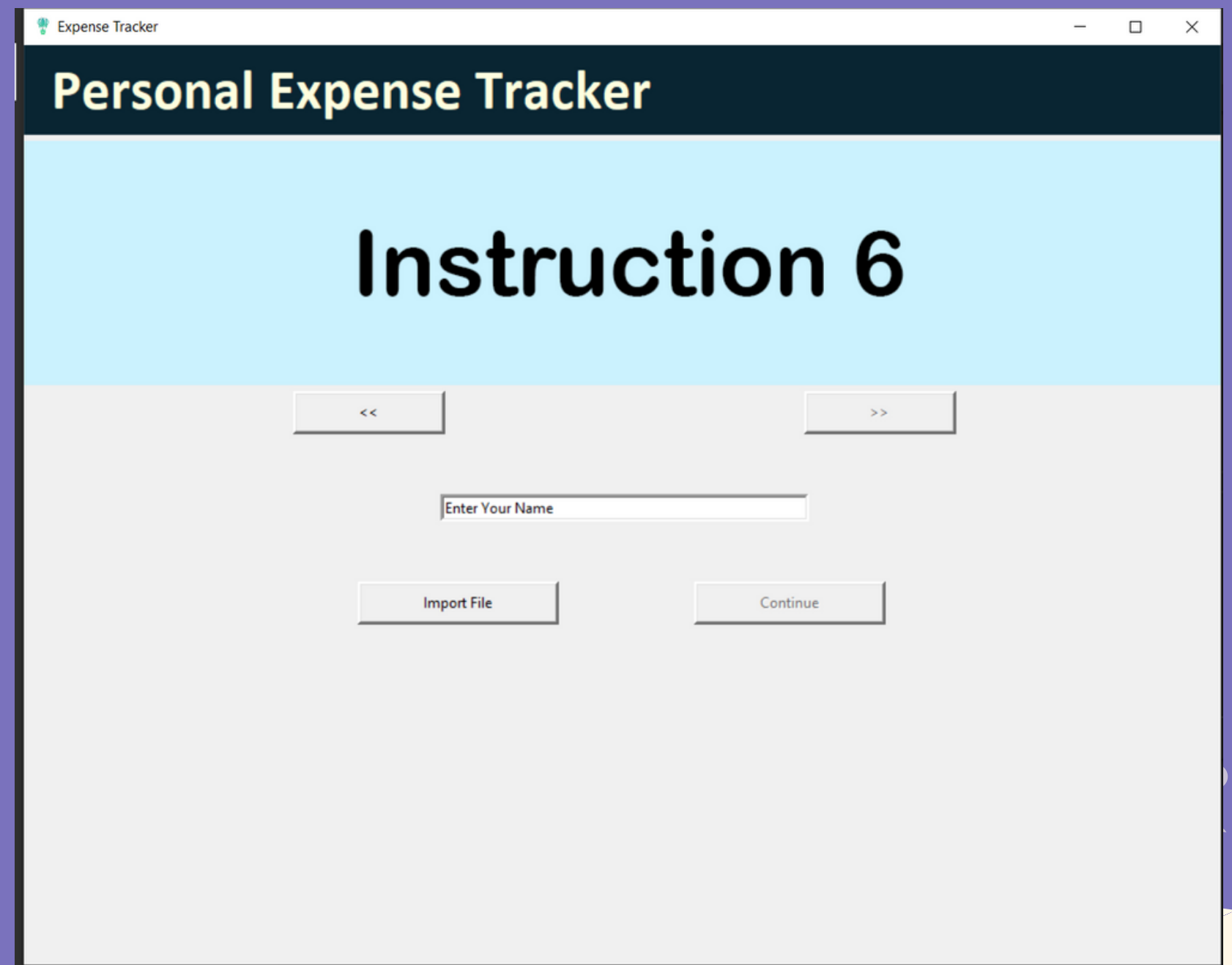
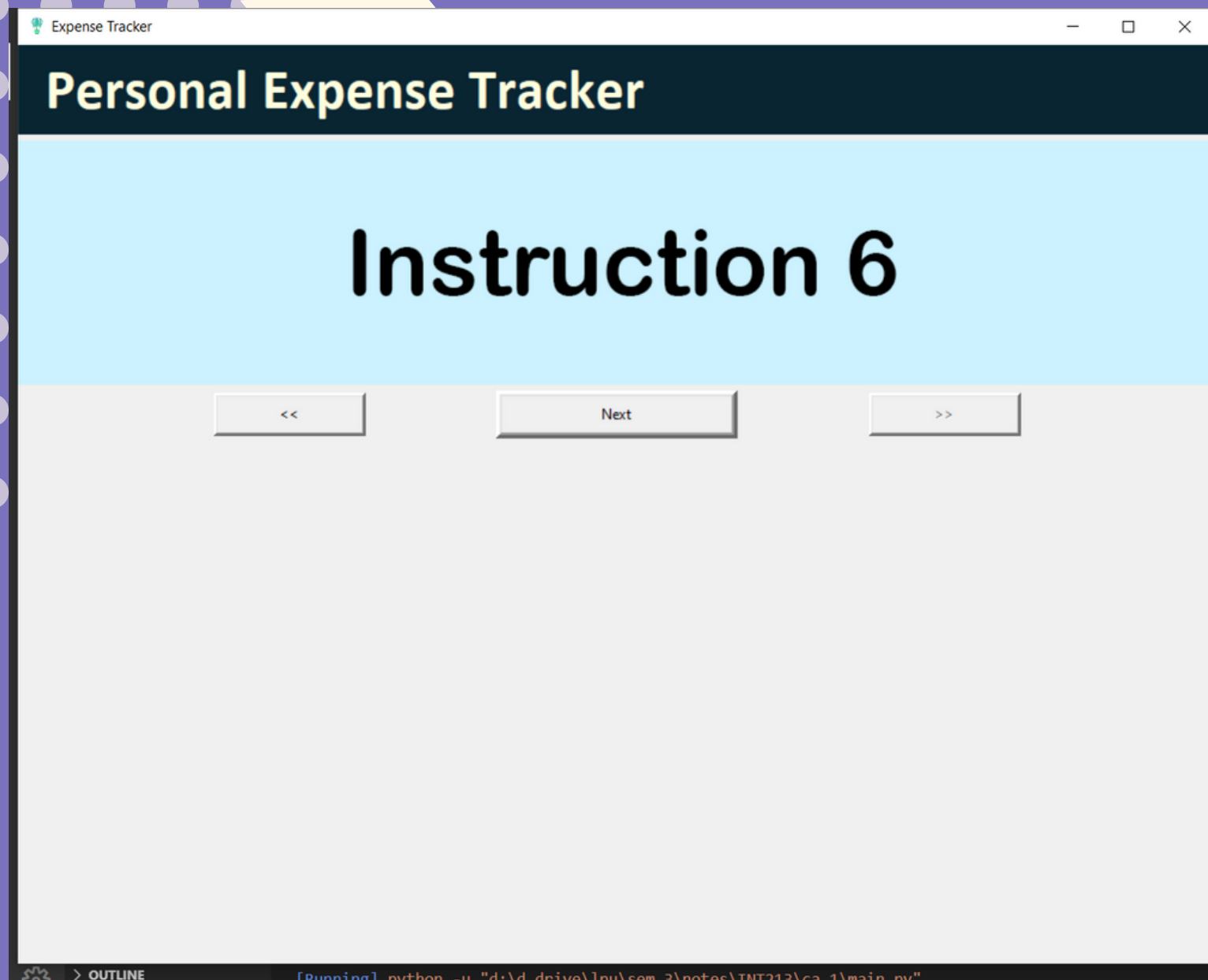
This function

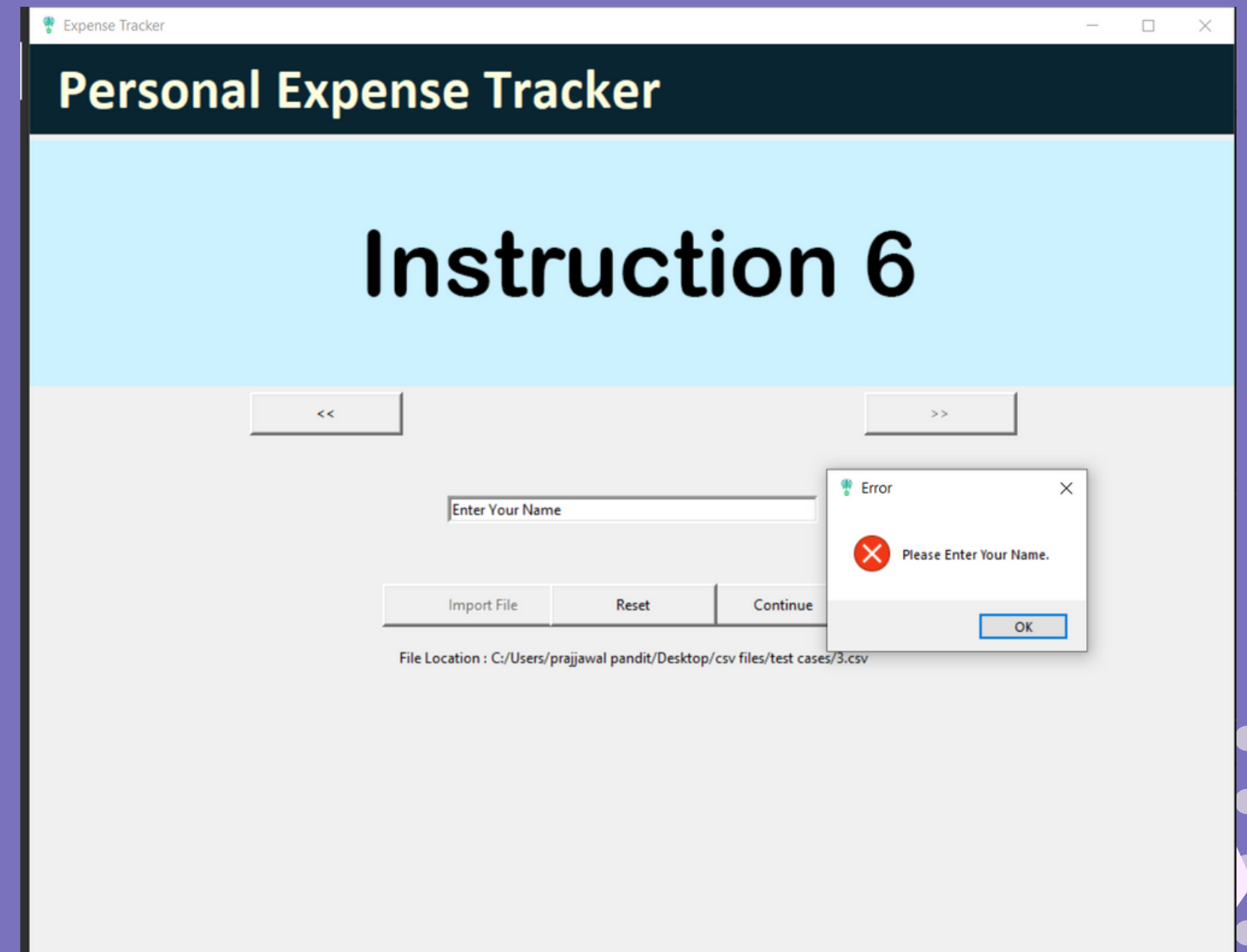
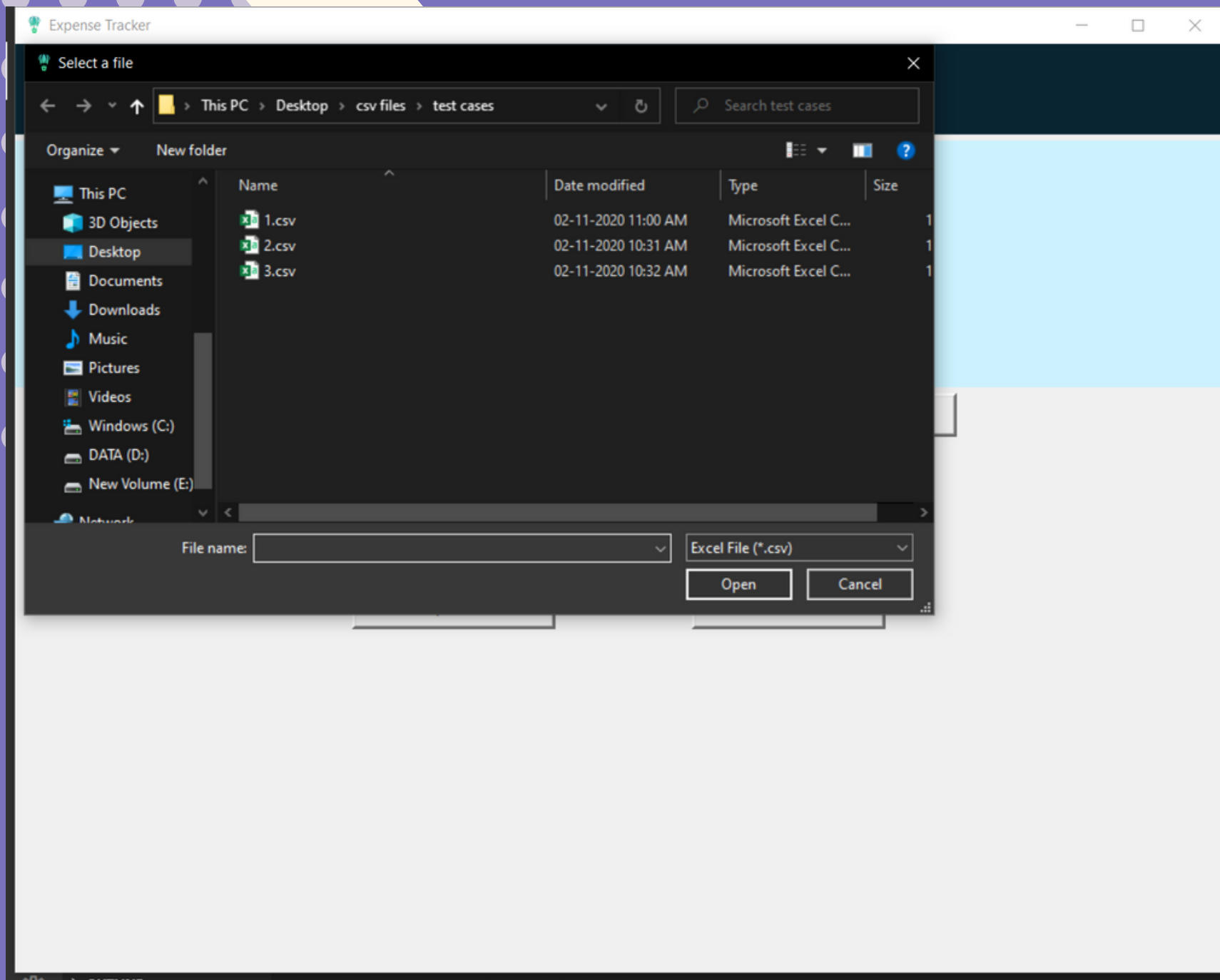
- 1.validate the file for use
- 2.calls the function track
- 3.creates new window
- 4.displays all the results and create buttons for the graphical representation





Screenshots of the Project





Expense Tracker

Personal Expense Tracker

Hello! ad, Welcome to the Expense Tracker

Total Earning of the month : 92115.4

Total money Spend in this month : 78195.36

Total money Savings in this month : 13920.039999999994

See in graph

Exit

Expense Tracker

Personal Expense Tracker

Hello! ad, Welcome to the Expense Tracker

Total Earning of the month : 92115.4

Total money Spend in this month : 78195.36

Total money Savings in this month : 13920.039999999994

Exit

Month Pi-Chart

Day Pi-Chart

Day wise Earning

Day wise Spending

