Project Report-(Group-2 Team-2)

Abstract:

The basic idea behind our work was to create a project that can make an application with multiple games like atmosphere on running the code. We worked on pygame and Tkinter libraries of python for our whole project. We also used random and time built-in python modules. Our project aims to make a game shop filled with 4 games each costing the user 120/- also it is designed such that the generated bill will have a flaw and it will ask you for more money than estimated if you are not careful you will be in a loss else you can refer to the desk and ask for the calculator and check what it costs after disagreeing to the generated bill.

Introduction:

The project includes 4 games and a calculator. On running the program, a window with buttons pops up. One can select any game and play and can use the calculator application to cross-check the bill amount.

System Requirements:

* Any python version installed.
* A text editor to write python code (we used PyCharm).
* Install pygame and Tkinter libraries in the IDE.
* IDE must support basic Linux GUIs.
* Rps.jpg and Hangaroo.jpg in the same directory.

Flowchart:

#### **Calculator**

#### **Generate Bill**

Demonstration:

We have attached the screenshots of the demonstration of every game, calculator and we have the bill at the end.

Future Aspects:

This setup can be used anywhere any number of codes can be embedded in more functions and load corresponding buttons. Just that this main code is a base code for any future gaming shop codes it uses pygame and Tkinter.

References:

[***https://docs.python.org/3/reference/***](https://docs.python.org/3/reference/)

[***https://www.facebook.com/groups/python/permalink/883098332530732/?notif\_id=1612708778379905&notif\_t=group\_post\_approved&ref=notif***](https://www.facebook.com/groups/python/permalink/883098332530732/?notif_id=1612708778379905&notif_t=group_post_approved&ref=notif)

[***https://pythonprogramming.net/pygame-python-3-part-1-intro/***](https://pythonprogramming.net/pygame-python-3-part-1-intro/)

[***https://www.bing.com/videos/search?q=tkinter+tutorial+byb+edureka&docid=608039792276867901&mid=DA027F279717AF48DE46DA027F279717AF48DE46&view=detail&FORM=VIRE***](https://www.bing.com/videos/search?q=tkinter+tutorial+byb+edureka&docid=608039792276867901&mid=DA027F279717AF48DE46DA027F279717AF48DE46&view=detail&FORM=VIRE)

[***https://www.udemy.com/course/learn-advanced-python-concepts-s/learn/lecture***](https://www.udemy.com/course/learn-advanced-python-concepts-s/learn/lecture)

[***https://github.com/mayankchadha16/Saanp\_Projekt***](https://github.com/mayankchadha16/Saanp_Projekt)