**                       PES UNIVERSITY, BENGALURU**

**COMPUTER SCIENCE AND ENGINEERING DEPARTMENT**

**SESSION JAN-MAY, 2021**

**SEMESTER: 1 SECTION: W-2**

**PROJECT NAME: I’M CONFUSING (SIMPLE PYTHON GAME)**

**TEAM: W-14**

**MEMBERS:**

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**SHORT DESCRIPTION:**

**I’M CONFUSING** is a simple python application. It’s a colour game where user need to enter the colour of the text displayed.

**ABSTRACT:**

**PROBLEM STATEMENT:**

Creating a simple colour game application using tkinter

**OBJECTIVES:**

The objective of the project is to develop a python game using tkinter module and the random module. The gui interface is designed in such a way that the code generated give rise to a game in which the gui window displays a text of some colour while the player needs to enter the colour of the text displayed on the window.

Isn’t that simple?? But the twist is the text itself is a colour and this is what makes the game confusing. The time limit is set to 30 seconds after which the game stops.

**Modules Used:**

* Tkinter
* Random

**References:**

Pythontutor.com

[www.youtube.com](http://www.youtube.com)

practice.geeksforgeeks.org

**Working:**

It works using tkinter and random module. A list of different colour is defined and use of random module displays colour of the text randomly and then receiving the input from the player and matching and finally, increment or decrement of the scores. Hence, making it a game

**Expected output:**

We expect a GUI command window in which the player is asked to press enter to start and the game proceeds…each correct input of the player results in increase of score while each wrong input of the player wastes time. The game is expected to automatically stops after 30seconds and the player can note his score.

**Signature of Students: Examiners Signature**

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