CHALLENGE 3: COLOUR GAME SUGGESTED TIME: 15 MINUTES

A program asks the user to guess a random colour. The user keeps guessing until they guess correctly. It does not function correctly yet but when it does, it should behave as shown below:

Using the file:

Example completed program output

Amend the code to:

- import a library on original line 6 which is required by the code:

  import

- add the colour green in to the list on original line 13 between yellow and blue:

  COLOURS = ["red", "orange", "yellow", "blue", "indigo", "violet"]

- initialise guess variable on original line 20 to an empty string

  guess =

- choose a random colour from the list on original line 28:

  colour = random.choice()

- display how many attempts it took to guess the correct answer on original line 35:

  print("Correct! Well done. You guessed in " + attempts + " attempts")

Do **not** add any additional functionality

Download the coding file **colour_game.py**

Remember to attach the completed code to the Teams assignment.

Watch the youtube video to check your answers:

https://youtu.be/9LGI_N0XXg?si=o6eQomxnEjCr58LU

A self marking online version of this challenge can be found here:
https://create.withcode.uk/python/Gim