import turtle, random

word\_list = ['which', 'their', 'wipro', 'there', 'could', 'other', 'about', 'great', 'these', 'after', 'first', 'never', 'where', 'those', 'shall', 'bosch', 'might', 'every', 'think', 'above', 'found', 'still', 'while', 'again', 'place', 'young', 'years', 'three', 'right', 'house', 'whole', 'world', 'thing', 'night', 'going', 'heard', 'heart', 'among', 'asked', 'small', 'woman', 'whose', 'quite', 'words', 'given', 'taken', 'hands', 'until', 'since', 'light']

answer = random.choice(word\_list) # choose a random word from the list

y = 250 # y location

print(answer)

def draw\_square(x,y,col): # takes in x,y coordinates and a color

turtle.penup()

turtle.goto(x,y)

turtle.pendown()

turtle.fillcolor(col) # set the fillcolor

turtle.begin\_fill() # start the filling color

for i in range(4): # drawing the square

turtle.forward(50)

turtle.right(90)

turtle.end\_fill() # ending the filling of the color

def input\_guess(prompt):

my\_input = turtle.textinput("5 letter word", prompt)

if my\_input == None: return " " # if you press cancel or submit with nothing

elif len(my\_input) != 5: return my\_input[0:5] #sends the first five characters

else: return my\_input.lower() #sends lower case of the word. Means case does not make a difference.

def check\_guess(my\_input,answer,y):

count = 0 #Need a count, because of for loop used

x = -250 # x location

for i in my\_input:

if i == answer[count]: draw\_square(x,y,"green") #exact character match draws a green square

elif i in answer: draw\_square(x,y,"yellow") #else if character anywhere in word draws yellow

else: draw\_square(x,y,"red") # otherwise draws red

count+=1 # add 1 to the count

x += 75 # move x coordinate along by 75

turtle.penup() #Moves the turtle penup

turtle.goto(x,y-25) #Moves it slightly down for the word

turtle.write(my\_input,font=("Fixedsys", 15, "normal")) # font verdana, size 15, normal style

for i in range(6): #Where the program starts

guess\_prompt = "What is guess "+str(i+1)+"?" #Makes a nice string for the prompt

my\_input = input\_guess(guess\_prompt) #calls input\_guess function

check\_guess(my\_input,answer,y) #checks the guess

y -= 75 #y down by 75

if my\_input == answer:

turtle.penup()

turtle.goto(-300,-200) #Always draws the congratulations in the same place

turtle.write("Well Done!",font=("Chiller", 60, "normal"))

break

else: #Only runs if the for loop executes completely. i.e. You've used all your guesses.

turtle.penup()

turtle.goto(-300,-200)

turtle.write(answer,font=("Cooper Black", 42, "normal"))

turtle.done() #Needs if you are using Pycharm and some other Python editors.