Function to simulate a traffic light

#It is required to make 2 user defined functions trafficLight() and light().

def trafficLight():

signal = input("Enter the colour of the traffic light: ")

if (signal not in ("RED","YELLOW","GREEN")):

print("Please enter a valid Traffic Light colour in CAPITALS")

else:

value = light(signal) #function call to light()

if (value == 0):

print("STOP, Your Life is Precious.")

elif (value == 1):

print ("PLEASE GO SLOW.")

else:

print("GO!,Thank you for being patient.")

#function ends here

def light(colour):

if (colour == "RED"):

return(0);

elif (colour == "YELLOW"):

return (1)

else:

return(2)

#function ends here

trafficLight()

print("SPEED THRILLS BUT KILLS")