#Bring in necessary modules

import requests

import random

import time

def generate\_location():

locations = ['North', 'South', 'East', 'West']

return random.choice(locations)

#Main function to begin the program

def main():

while True:

#user character race

race\_choice = input("Choose character race ('gold' or 'silver'): ")

while race\_choice.lower() not in ['gold', 'silver']:

race\_choice = input("Invalid input. Choose character race ('gold' or 'silver'): ")

race\_response = requests.get("https://www.dnd5eapi.co/api/races")

race\_data = race\_response.json()

race\_count = len(race\_data['results'])

race\_index = random.randint(0, race\_count - 1)

race\_name = race\_data['results'][race\_index]['name']

print("Your race is:", race\_name)

#user will choose class for character

class\_choice = input("Choose character class ('left' or 'right'): ")

while class\_choice.lower() not in ['left', 'right']:

class\_choice = input("Invalid input. Choose character class ('left' or 'right'): ")

class\_response = requests.get("https://www.dnd5eapi.co/api/classes")

class\_data = class\_response.json()

class\_count = len(class\_data['results'])

class\_index = random.randint(0, class\_count - 1)

class\_name = class\_data['results'][class\_index]['name']

print("Your class is:", class\_name)

#2-sec delay to generate location

time.sleep(2)

location = generate\_location()

#1-sec delay for monster data

time.sleep(1)

#Fetch monster data

monster\_response = requests.get("https://www.dnd5eapi.co/api/monsters")

monster\_data = monster\_response.json()

monster\_count = len(monster\_data['results'])

monster\_index = random.randint(0, monster\_count - 1)

monster\_name = monster\_data['results'][monster\_index]['name']

#Print the final output

print(f"The {race\_name} {class\_name} starts the long journey to the {location} to defeat the {monster\_name}.")

choice = input("Do you want to continue? (yes/no): ")

if choice.lower() not in ['yes', 'y']:

break

if \_\_name\_\_ == "\_\_main\_\_":

main()

A screen shot of a computer screen

Description automatically generated