Midterm Task 5
Creating Class and Instantiating Objects in Python

Problem 1. Users in Social Media

a. Create User Class with the ff: attributes (Use Constructor for this)

- first_name
- last_name
- followers_count
- friends_name [LIST]

Note: You can make a List an attribute of a class

b. Create the ff: methods

- introduce_self – which should output " Hi I am {first_name} {last_name}
- view_full_profile – which outputs all the information of the user as shown below

Profile Name is Bradd Pitt with 10 followers
Friend are… Juan Pedro Jose

c. Create a separate TestUser class to test if the program is working as expected, allowing for user input to be passed as parameters of the object. Create atleast 2 object instance to test the class template

Sample Output 1:

Insert a Record?[y|n]:y

First Name: Bradd
Last Name: Pitt
Followers:10
Friends:
Juan
Pedro
Jose

Insert a Record?[y|n]:y

First Name: Tom
Last Name: Cruise
Followers:100
Friends:
Juan
Pedro
Jose

Insert a Record?[y|n]:n

Here are the Records….

Hi I am Bradd Pitt
Profile Name is: Bradd Pitt with 10 followers
Your friends are: Juan Pedro Jose

Hi I am Tom Cruise
Profile Name is: Tom Cruise with 100 followers
Your friends are: Juan Pedro Jose

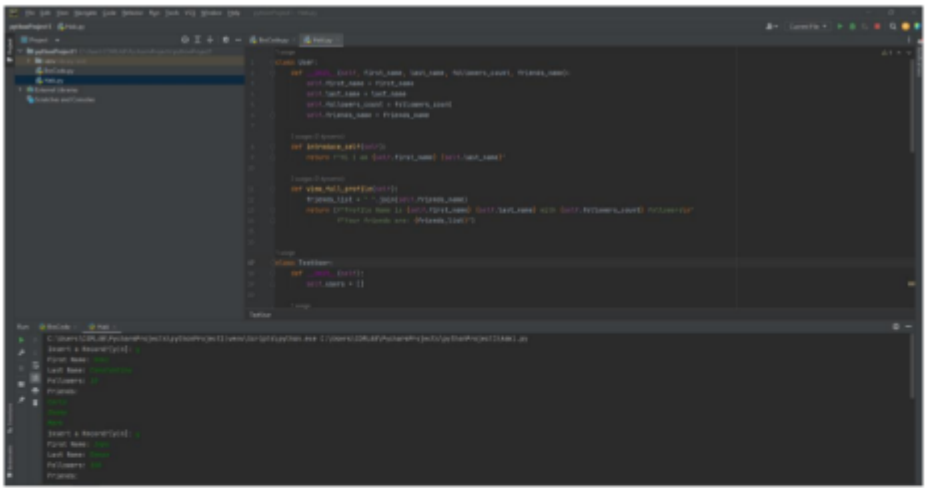
There are currently 2 Members in the Social Media page

Rubric:

1. Completeness of the code requirements – 10
2. Correctness of the expected input and output - 10
3. Use of proper naming conventions – 5

Source Code

Screen Shot of Test Cases or Sample Outputs



```
class User:
    def __init__(self, first_name, last_name, followers_count, friends_name):
        self.first_name = first_name
        self.last_name = last_name
        self.followers_count = followers_count
        self.friends_name = friends_name


    def introduce_self(self):
        return f"Hi I am {self.first_name} {self.last_name}"


    def view_full_profile(self):Haki
        friends_list = " ".join(self.friends_name)
        return (f"Profile Name is {self.first_name} {self.last_name} with {self.followers_count} followers\n"
```

```
            f"Your friends are: {friends_list}")


class TestUser:
    def __init__(self):
        self.users = []

    def add_user(self):
        first_name = input("First Name: ")
        last_name = input("Last Name: ")
        followers_count = int(input("Followers: "))
        friends = []
        print("Friends:")
        for i in range(3):
            friend = input()
            friends.append(friend)

        user = User(first_name, last_name, followers_count, friends)
        self.users.append(user)

    def show_records(self):
        print("\nHere are the Records...\n")
        for u in self.users:
            print(u.introduce_self())
            print(u.view_full_profile())
            print()
        print(f"There are currently {len(self.users)} Members in the Social Media page")
```

```
if __name__ == "__main__":
    test = TestUser()

    while True:
        choice = input("Insert a Record?[y|n]: ")
        if choice.lower() == 'y':
            test.add_user()
        else:
            break

    test.show_records()
```