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

```python
#LAB_Task#5

class User:  1 usage
    def __init__(self, first_name, last_name, followers_count, friends_name):
        self.first_name = first_name.capitalize()
        self.last_name = last_name.capitalize()
        self.followers_count = followers_count
        self.friends_name = [f.capitalize() for f in friends_name]

    def introduce_self(self):  2 usages (2 dynamic)
        print(f"Hi I am {self.first_name} {self.last_name}")

    def view_full_profile(self):  2 usages (2 dynamic)
        print(f"Profile Name is: {self.first_name} {self.last_name} with {self.followers_count} followers")
        print(f"Your friends are:  {', '.join(self.friends_name)}")
        print()
        print()
```

```python
class TestUser:  1 usage
    def __init__(self):
        self.users = []

    def add_user(self):  1 usage
        while True:
            ans = input("Insert a Record?[y|n]: ").lower()
            if ans == "n":
                break
            elif ans == "y":
                fname = input("First Name: ")
                lname = input("Last Name: ")
                followers = int(input("Followers: "))
                print("Friends:")
                friends = []
                for i in range(3):
                    friend = input()
                    friends.append(friend)
                user = User(fname, lname, followers, friends)
                self.users.append(user)
            else:
                print("Please enter only y or n")
```

```python
        def show_users(self):  1 usage
            print()
            print("Here are the Records....")
            print()
            for user in self.users:
                user.introduce_self()
                user.view_full_profile()
            print(f"There are currently {len(self.users)} Members in the Social Media page")


    #RUN PROGRAM
    test = TestUser()
    test.add_user()
    test.show_users()
```

```
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
```