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C204

Lab task 5

Source code : class User:

```python
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):
        print(f"Hi I am {self.first_name} {self.last_name}")

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


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

    def add_user(self):
        while True:
            insert = input("Insert a Record?[y|n]: ").strip().lower()
            if insert == 'n':
                break
            elif insert == 'y':
                first_name = input("First Name: ").strip()
```

```python
            last_name = input("Last Name: ").strip()

            followers = int(input("Followers: "))

            print("Friends(press enter 2x if you done):")

            friends = []

            while True:

                friend = input()

                if friend == "":

                    break

                friends.append(friend)

            # If no friends entered, friends list remains empty

            self.users.append(User(first_name, last_name, followers, friends))

        else:

            print("Invalid input! Please enter 'y' or 'n'.")


    def show_all_users(self):

        print("\nHere are the Records....\n")

        for user in self.users:

            user.introduce_self()

            user.view_full_profile()

            print()

        print(f"There are currently {len(self.users)} Members in the Social Media page")


if __name__ == "__main__":

    test = TestUser()

    test.add_user()

    test.show_all_users()
```

Sample output :

```
Insert a Record?[y|n]: y
First Name: Blaine
Last Name: asuar
Followers: 10
Friends:
alwan
jessieboi
jiosepo

Insert a Record?[y|n]: y
First Name: aljawn
Last Name: salalac
Followers: 1000
Friends:
blaine
yshiam
jessie

Insert a Record?[y|n]: y
First Name: yshiam
Last Name: coronel;
Followers: 1000000000000
Friends:
nonm

Insert a Record?[y|n]: n

Here are the Records….

Hi I am Blaine asuar
Profile Name is: Blaine asuar with 10 followers
Your friends are: alwan jessieboi jiosepo

Hi I am aljawn salalac
Profile Name is: aljawn salalac with 1000 followers
Your friends are: blaine  yshiam jessie

Hi I am yshiam coronel;
Profile Name is: yshiam coronel; with 1000000000000 followers
Your friends are: nonm

There are currently 3 Members in the Social Media page
```