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C204

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

Code:

```
1 class User:
2     def __init__(self, first_name, last_name, followers_count, friends_name):
3         self.first_name = first_name
4         self.last_name = last_name
5         self.followers_count = followers_count
6         self.friends_name = friends_name
7
8     def introduce_self(self):
9         return f"Hi I am {self.first_name} {self.last_name}"
10
11     def view_full_profile(self):
12         friends_str = ", ".join(self.friends_name)
13         return f"Profile Name is {self.first_name} {self.last_name} with {self.followers_count} followers. Your friends are: {friends_str}"
14
```

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```
1
2     followers_count, friends_name):
3
4
5
6
7
8
9     last_name}"
10
11
12
13     {self.last_name} with {self.followers_count} followers. Your friends are:
14
```

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```
15
16 class TestUser:
17     def __init__(self):
18         self.users = []
19
20     def create_user(self):
21         while True:
22             insert_record = input("Insert a Record?[y|n]: ")
23             if insert_record.lower() != 'y':
24                 break
25
26             first_name = input("First Name: ")
27             last_name = input("Last Name: ")
28             followers_count = int(input("Followers: "))
```

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```
32         user = User(first_name, last_name, followers_count, friends_name)
33         self.users.append(user)
34
35     def display_records(self):
36         print("Here are the Records....")
37         for user in self.users:
38             print(user.introduce_self())
39             print(user.view_full_profile())
40         print(f"There are currently {len(self.users)} Members in the Social Media page")
41
42 # Example usage:
43 test_user = TestUser()
44 test_user.create_user()
45 test_user.display_records()
```

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Output:

```
Running Python
Output
Insert a Record?[y|n]:
>>> Input
```