BUMANGLAG, ANGELINE D.   **BSCS – C203**

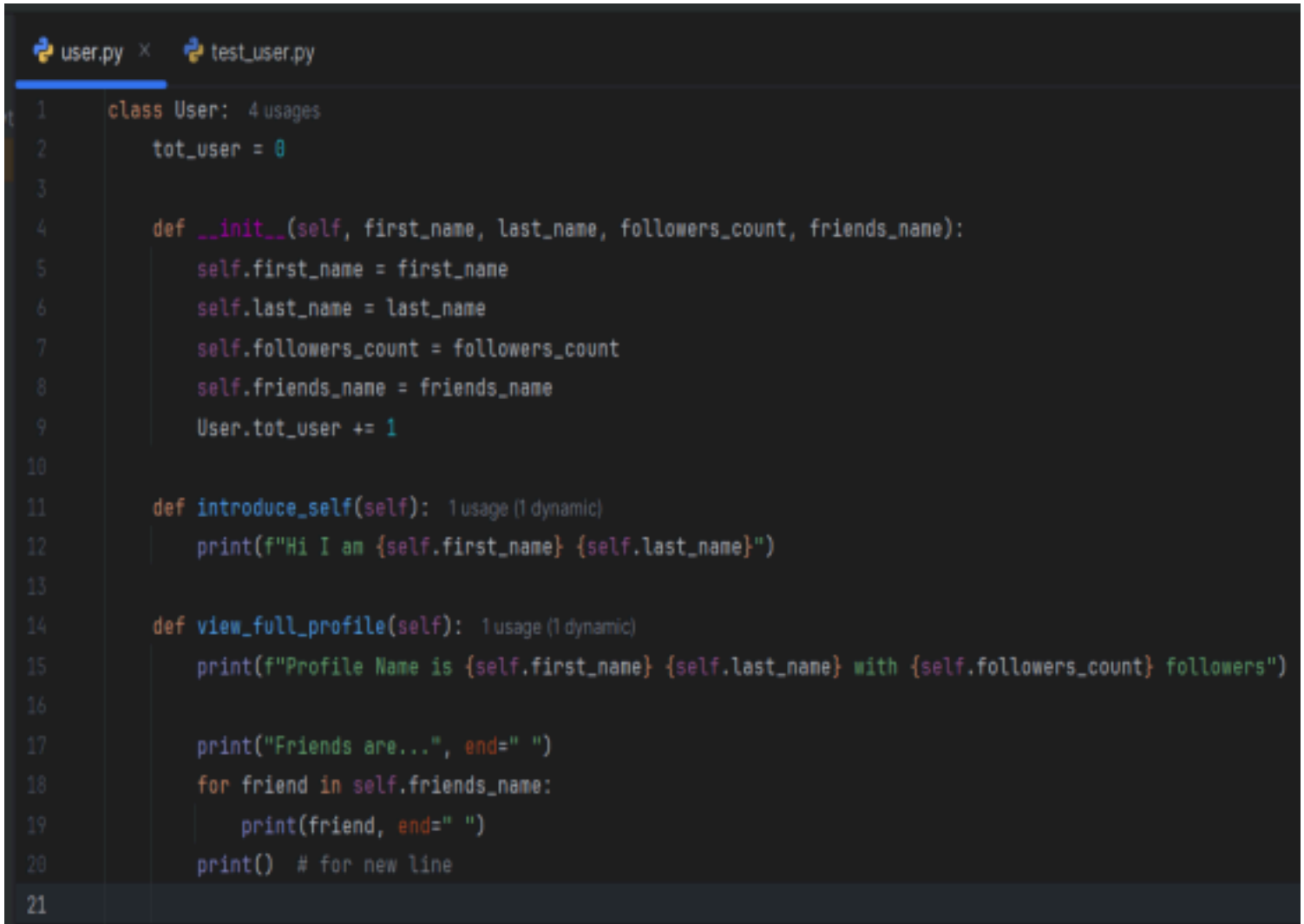**Midterm Task 5**
Creating Class and Instantiating Objects in Python

1. CONSTRUCTOR

```python
class User:  4 usages
    tot_user = 0

    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
        User.tot_user += 1

    def introduce_self(self):  1 usage (1 dynamic)
        print(f"Hi I am {self.first_name} {self.last_name}")

    def view_full_profile(self):  1 usage (1 dynamic)
        print(f"Profile Name is {self.first_name} {self.last_name} with {self.followers_count} followers")

        print("Friends are...", end=" ")
        for friend in self.friends_name:
            print(friend, end=" ")
        print()  # for new line
```

2. TEST USER CLASS

```python
from user import User

def main():  1 usage
    users = []

    while True:
        choice = input("Insert a Record?[y/n]:")
        if choice.lower() == "y":
            first_name = input("First Name: ")
            last_name = input("Last Name: ")
            followers_count = int(input("Followers: "))

            print("Friends (Enter to Exit Listing): ")
            friends = []
            while True:
                f = input()
                if f == "":
                    break
                friends.append(f)

            users.append(User(first_name, last_name, followers_count, friends))
        else:
            break

    print("\n...Here are the Records...")
    for u in users:
        u.introduce_self()
        u.view_full_profile()
        print()

    print(f"There is/are currently {User.tot_user} Members in the Social Media pageS")

if __name__ == "__main__":
    main()
```

3. OUTPUTS

```
C:\Users\Patrick\PycharmProjects\PythonPr
Insert a Record?[y/n]:y
First Name: Angeline
Last Name: bumanglag
Followers: 3
Friends (Enter to Exit Listing):
trina
jacob
shaila

Insert a Record?[y/n]:y
First Name: Sheila
Last Name: Velasquez
Followers: 4
Friends (Enter to Exit Listing):
nathan
dave
daisy
cheska

Insert a Record?[y/n]:n
```

```
Insert a Record?[y/n]:n

...Here are the Records...
Hi I am Angeline bumanglag
Profile Name is Angeline bumanglag with 3 followers
Friends are... trina jacob shaila


Hi I am Sheila  Velasquez
Profile Name is Sheila  Velasquez with 4 followers
Friends are... nathan dave daisy cheska


There is/are currently 2 Members in the Social Media pageS
```