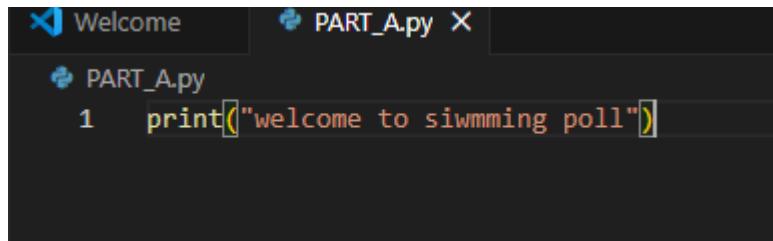


Name: Tan Jin Yuan

Student ID: SCSJ2500372

PART A:

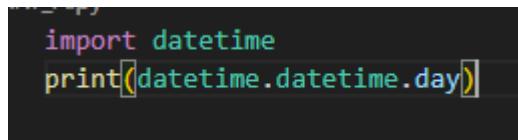
1. a.) Print a welcome message for the swimming pool membership system



```
>Welcome PART_A.py X
PART_A.py
1 print("welcome to siwmming poll")
```

- b.) Display today date

using a variable



```
import datetime
print(datetime.datetime.now().day)
```

- 2.

- a. Ask the user for their name, age and membership type



```
members = [
    ("Name: peter", "Age: 19", "membership: student"),
    ("Name: jane", "Age: 13", "membership: senior"),
    ("Name: ali", "Age: 10", "membership: junior"),
    ("Name: alex", "Age: 61", "membership: family"),
    ("Name: bob", "Age: 30", "membership: adult")
]
```

b. store them in variables and display back the details

```
members = [
    ("Name: peter"), ("Age: 19"), ("membership: student")
    ("Name: jane"), ("Age: 13"), ("membership: senior")
    ("Name: ali"), ("Age: 10"), ("membership: junior")
    ("Name: alex"), ("Age: 61"), ("membership: family")
    ("Name: bob"), ("Age: 30"), ("membership: adult")
]
class members:
    def __init__(self, Name, Age, Type):
        self.Name = Name
        self.Age = Age
        self.Type = Type

    def display_info():
        print("\n == members details ==")
        print(f"name: {self.Name}")
        print(f"Age: {self.Age}")
        print(f"Membership type: {self.Type}")
```

1.

```
def member_eligibility():
    if members < 12:
        print("Not eligible for membership")
    elif 12 - 60:
        print("Standard membership granted")
    elif members > 60:
        print("Senoir membership")
```

PART B

1.

a.) print(f"Title: {self.title}, Author: {self.auther}")

b.) books[title] = auther

c.) From library\_module import book

2.

a.) The self can't function

b.) Syntax error

c.) Logic error

3.

Print(f"Title: {self.title}")

Print (f"Author:{self.auther}")

Books[title] = auther

Import dictionary

4.

Inherited

5.

Read back the file