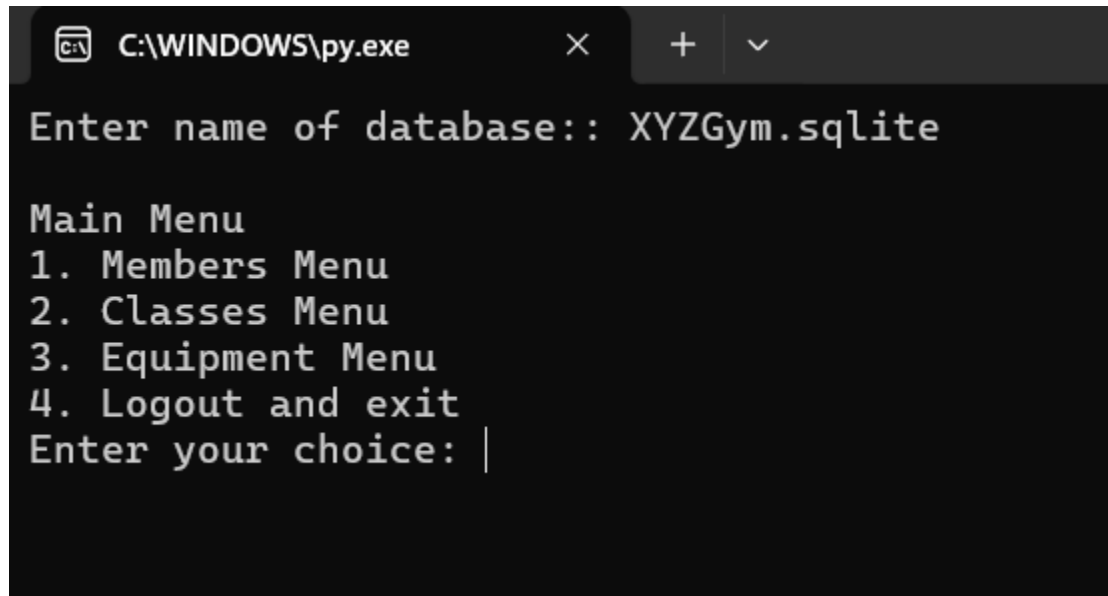


Execution

Initial Menu:



```
C:\WINDOWS\py.exe
Enter name of database:: XYZGym.sqlite

Main Menu
1. Members Menu
2. Classes Menu
3. Equipment Menu
4. Logout and exit
Enter your choice: |
```

Sub Menus:

```
C:\WINDOWS\py.exe X + v
1. Members Menu
2. Classes Menu
3. Equipment Menu
4. Logout and exit
Enter your choice: 1

Members Menu
1. Display all members
2. Add new member
3. Update member information
4. Delete member
5. Back to main menu
Enter your choice: 5

Main Menu
1. Members Menu
2. Classes Menu
3. Equipment Menu
4. Logout and exit
Enter your choice: 2

Classes Menu
1. Display all classes
2. Add new class
3. Update class information
4. Delete class
5. Find members by class
6. Back to main menu
Enter your choice: 6

Main Menu
1. Members Menu
2. Classes Menu
3. Equipment Menu
4. Logout and exit
Enter your choice: 3

Equipment Menu
1. Display all equipment
2. Add new equipment
3. Update equipment details
4. Delete equipment
5. Back to main menu
Enter your choice: |
```

Display all members and add new members:

```
C:\WINDOWS\py.exe x + v

Members Menu
1. Display all members
2. Add new member
3. Update member information
4. Delete member
5. Back to main menu
Enter your choice: 1
ID | Name | Email | Phone | Address | Age | Start Date | End Date
=====
1 | Amy Aims | aadams123@yahoo.com | 505-123-4567 | 123 Fake St NW | 22 | 2024-01-01 | 2024-02-01
2 | Bill Burr | bburr321@gmail.com | 505-234-5678 | 124 Fake St NW | 17 | 2024-01-01 | 2024-02-01
3 | Cathy Chavez | cchavez246@aol.com | 505-345-6789 | 125 Fake St NW | 25 | 2024-02-01 | 2025-01-01
4 | Danny Dimes | ddimes135@yahoo.com | 505-456-7890 | 126 Fake St NW | 34 | 2024-03-10 | 2024-09-10
5 | Evan Ewing | eewing1245@enmu.edu | 505-567-8901 | 127 Fake St NW | 67 | 2024-02-23 | 2024-03-02

Members Menu
1. Display all members
2. Add new member
3. Update member information
4. Delete member
5. Back to main menu
Enter your choice: 2

Enter new member details:
Name: Fake Name
Email: ffname@yahoo.com
Phone (optional):
Address (optional):
Age 15+: 18
Membership start date (YYYY-MM-DD): 2025-05-05
Membership end date (YYYY-MM-DD): 2025-06-05
Member added successfully!
```

Update Member and delete member:

```
C:\WINDOWS\py.exe X + v

Members Menu
1. Display all members
2. Add new member
3. Update member information
4. Delete member
5. Back to main menu
Enter your choice: 3
Enter member ID to update: 1

Current member details:
1. Name: Amy Aims
2. Email: aadams123@yahoo.com
3. Phone: 505-123-4567
4. Address: 123 Fake St NW
5. Age: 22
6. Start Date: 2024-01-01
7. End Date: 2024-02-01

Enter field number to update (1-7): 1
Enter new value: Amy Adams
Member updated successfully

Members Menu
1. Display all members
2. Add new member
3. Update member information
4. Delete member
5. Back to main menu
Enter your choice: 4
Enter member ID to delete: 5
Member deleted successfully!

Members Menu
1. Display all members
2. Add new member
3. Update member information
4. Delete member
5. Back to main menu
Enter your choice: 1
ID | Name | Email | Phone | Address | Age | Start Date | End Date
=====
1 | Amy Adams | aadams123@yahoo.com | 505-123-4567 | 123 Fake St NW | 22 | 2024-01-01 | 2024-02-01
2 | Bill Burr | bburr321@gmail.com | 505-234-5678 | 124 Fake St NW | 17 | 2024-01-01 | 2024-02-01
3 | Cathy Chavez | cchavez246@aol.com | 505-345-6789 | 125 Fake St NW | 25 | 2024-02-01 | 2025-01-01
4 | Danny Dimes | ddimes135@yahoo.com | 505-456-7890 | 126 Fake St NW | 34 | 2024-03-10 | 2024-09-10
6 | Fake Name | fname@yahoo.com | | | | 18 | 2025-05-05 | 2025-06-05
```

Class Functionalities:

```

Classes Menu
1. Display all classes
2. Add new class
3. Update class information
4. Delete class
5. Find members by class
6. Back to main menu
Enter your choice: 1
ID   | Name                               | Type           | Duration | Capacity | Instructor           | Gym           | Attendance
=====
1 | Hot Yoga                           | Yoga           | 60       | 20       | Jeremy Jaramillo     | The Heights   | 1
2 | Powerlifting for Beginners | Weights       | 90       | 10       | Isaac Ingles         | Rio Rancho    | 1
3 | Advanced Zumba                 | Zumba         | 30       | 20       | Fabian Fever         | Santa Fe      | 1
4 | Yin Yoga                       | Yoga          | 45       | 5        | Gal Gadot            | Riverside     | 0
5 | Cross training                 | HIIT          | 60       | 15       | Hallie Hobbs         | Westside      | 1

Classes Menu
1. Display all classes
2. Add new class
3. Update class information
4. Delete class
5. Find members by class
6. Back to main menu
Enter your choice: 5
Enter class ID to find members: 1
ID   | Name                               | Email           | Phone       | Address           | Age | Attendance Date
=====
1 | Amy Adams                        | aadams123@yahoo.com | 505-123-4567 | 123 Fake St NW   | 22  | 2024-01-01

```

```
C:\WINDOWS\py.exe  X  +  v

Classes Menu
1. Display all classes
2. Add new class
3. Update class information
4. Delete class
5. Find members by class
6. Back to main menu
Enter your choice: 2

Enter new class details:
Class name: Powerlifting 101
Class type (Yoga/Zumba/HIIT/Weights): Weights
Duration (minutes): 90
Class capacity: 10
Instructor ID: 2
Gym ID: 1
Class added successfully!

Classes Menu
1. Display all classes
2. Add new class
3. Update class information
4. Delete class
5. Find members by class
6. Back to main menu
Enter your choice: 3
Enter class ID to update: 3

Current class details:
1. Name: Advanced Zumba
2. Type: Zumba
3. Duration: 30
4. Capacity: 20
5. Instructor ID: 1
6. Gym ID: 3

Enter field number to update (1-6): 1
Enter new value: Intermediate Zumba
Class updated successfully.
```

```

C:\WINDOWS\py.exe
Classes Menu
1. Display all classes
2. Add new class
3. Update class information
4. Delete class
5. Find members by class
6. Back to main menu
Enter your choice: 4
Enter class ID to delete: 2
This class has 1 registered members.
Do you want to move members to another class? (y/n): n
Cannot delete class with registered members.

Classes Menu
1. Display all classes
2. Add new class
3. Update class information
4. Delete class
5. Find members by class
6. Back to main menu
Enter your choice: 4
Enter class ID to delete: 2
This class has 1 registered members.
Do you want to move members to another class? (y/n): y
Enter new class ID to move members to: 3
Class deleted successfully!

Classes Menu
1. Display all classes
2. Add new class
3. Update class information
4. Delete class
5. Find members by class
6. Back to main menu
Enter your choice: 1
ID | Name | Type | Duration | Capacity | Instructor | Gym | Attendance
=====
1 | Hot Yoga | Yoga | 60 | 20 | Jeremy Jaramillo | The Heights | 1
3 | Intermediate Zumba | Zumba | 30 | 20 | Fabian Fever | Santa Fe | 2
4 | Yin Yoga | Yoga | 45 | 5 | Gal Gadot | Riverside | 0
5 | Cross training | HIIT | 60 | 15 | Hallie Hobbs | Westside | 1
6 | Powerlifting 101 | Weights | 90 | 10 | Gal Gadot | Riverside | 0
=====
Classes Menu

```

Equipment Functionalities:

```

Equipment Menu
1. Display all equipment
2. Add new equipment
3. Update equipment details
4. Delete equipment
5. Back to main menu
Enter your choice: 1
ID | Name | Type | Quantity | Gym Location
=====
1 | Squat Rack | Strength | 5 | Rio Rancho
2 | Cycling | Recovery | 10 | Riverside
3 | Yoga Block | Flexibility | 20 | The Heights
4 | Barbell | Strength | 10 | Westside
5 | Stationary Bike | Cardio | 20 | Santa Fe
=====

Equipment Menu
1. Display all equipment
2. Add new equipment
3. Update equipment details
4. Delete equipment
5. Back to main menu
Enter your choice: 2

Enter new equipment details:
Equipment name: Bench
Type (Cardio/Strength/Flexibility/Recovery): Strength
Quantity: 3
Gym ID: 1
Equipment added successfully!!

```

```
Equipment Menu
1. Display all equipment
2. Add new equipment
3. Update equipment details
4. Delete equipment
5. Back to main menu
Enter your choice: 1
ID      | Name                | Type          | Quantity | Gym Location
=====|=====|=====|=====|=====
1 | Squat Rack          | Strength      | 5        | Rio Rancho
2 | Cycling             | Recovery      | 10       | Riverside
3 | Yoga Block          | Flexibility   | 20       | The Heights
4 | Barbell             | Strength      | 10       | Westside
5 | Stationary Bike     | Cardio        | 20       | Santa Fe
6 | Bench               | Strength      | 3        | Riverside
```

```
C:\WINDOWS\py.exe  x  +  v
Equipment Menu
1. Display all equipment
2. Add new equipment
3. Update equipment details
4. Delete equipment
5. Back to main menu
Enter your choice: 3
Enter equipment ID to update: 1

Current equipment details:
1. Name: Squat Rack
2. Type: Strength
3. Quantity: 5
4. Gym ID: 2

Enter field number to update (1-4): 1
Enter new value: Power Rack
Equipment updated successfully!

Equipment Menu
1. Display all equipment
2. Add new equipment
3. Update equipment details
4. Delete equipment
5. Back to main menu
Enter your choice: 4
Enter equipment ID to delete: 2
Equipment deleted successfully!

Equipment Menu
1. Display all equipment
2. Add new equipment
3. Update equipment details
4. Delete equipment
5. Back to main menu
Enter your choice: 1
ID      | Name                | Type          | Quantity | Gym Location
=====|=====|=====|=====|=====
1 | Power Rack          | Strength      | 5        | Rio Rancho
3 | Yoga Block          | Flexibility   | 20       | The Heights
4 | Barbell             | Strength      | 10       | Westside
5 | Stationary Bike     | Cardio        | 20       | Santa Fe
6 | Bench               | Strength      | 3        | Riverside
```