```
PS C:\Users\hanna\Documents\Project 4.6.25>
PS C:\Users\hanna\Documents\Project 4.6.25> python3 queries.py
Welcome to the Gym DBMS Management Program. Commands are run as python queries.py N, where N is the option number (1-10)
 you selected. Here are your options:
        1. Return all gym members.
        2. Return the number of classes taught at each gym.
        3 X. Return members attending the class with integer ID X.
        4 S. Return equipment with a type matching string S.
        5. Return all members with expired memberships.
        6 X. Return all classes taught by an instructor with integer ID X.
        7. Return the average age of members with expired and active memberships, separately.
        8. Return the top three instructors teaching the most classes.
        9 S. Return members who have attended all classes of a specified type string S
        10. Return all members who attended classes in the last month..
Please provide a valid question number.
PS C:\Users\hanna\Documents\Project 4.6.25> python3 queries.py 1
All members of the gym are:
('John Doe', 'johnd@email.com', 25, 'Monthly')
('Jane Smith', 'janes@email.com', 30, 'Monthly')
('Alice Johnson', 'alicej@email.com', 40, 'Annual')
('Bob Brown', 'bobb@email.com', 35, 'Monthly')
('Maria Garcia', 'mariag@email.com', 28, 'Annual')
PS C:\Users\hanna\Documents\Project 4.6.25> python3 queries.py 2
Here are the number of classes taught at each gym.
Gym Location: City Center, Classes Count: 1
Gym Location: Downtown, Classes Count: 2
Gym Location: Suburb, Classes Count: 2
Gym Location: Uptown, Classes Count: 2
Gym Location: Westside, Classes Count: 1
PS C:\Users\hanna\Documents\Project 4.6.25> python3 queries.py 3 1
Here are the members attending the class with ID 1.
('Maria Garcia',)
('John Doe',)
PS C:\Users\hanna\Documents\Project 4.6.25> python3 queries.py 4 Flexibility
Here is all equipment of type Flexibility.
('Resistance Band', 'Flexibility', 20)
PS C:\Users\hanna\Documents\Project 4.6.25> python3 queries.py 5
Here are all members with expired memberships.
('John Doe', 'johnd@email.com', '2025-01-01')
('Jane Smith', 'janes@email.com', '2025-02-01')
('Alice Johnson', 'alicej@email.com', '2023-12-31')
PS C:\Users\hanna\Documents\Project 4.6.25> python3 queries.py 6 1
Instructor: James Johnson, Phone: 1231231234, Classes Taught:
Class: Morning Yoga, Class Type: Yoga, Duration: 60, Capacity: 20
Class: Lunchtime Yoga, Class Type: Yoga, Duration: 60, Capacity: 20
PS C:\Users\hanna\Documents\Project 4.6.25> python3 queries.py 7
Average age for Active Memberships is 32 years old.
Average age for Expired Memberships is 32 years old.
PS C:\Users\hanna\Documents\Project 4.6.25> python3 queries.py 8
Top 3 instructors:
('Tom Harris', 2)
('Sarah Smith', 2)
('James Johnson', 2)
PS C:\Users\hanna\Documents\Project 4.6.25> python3 queries.py 9 Yoga
The members who attended all classes of type Yoga are:
('John Doe',)
PS C:\Users\hanna\Documents\Project 4.6.25> python3 queries.py 10
Recent Class Attendance:
Member Name    Total Classes Attended    Classes Attended        Class Types
==========================================================================
Alice Johnson   1                         Strength Training       Weight-Lifting
Jane Smith      2                         Evening Cardio,HIIT Cardio   Cardio
PS C:\Users\hanna\Documents\Project 4.6.25> |
```