

```
C:\Users\vgnod\OneDrive\Desktop\Bachelors\Spring 25\CS359\Project\Part%203>python file.py 1
Member Name      | Email                      | Age | Plan Type
=====
Amy Adams        | aadams123@yahoo.com       | 22  | Monthly
Bill Burr        | bburr321@gmail.com        | 17  | Monthly
Cathy Chavez     | cchavez246@aol.com        | 25  | Annual
Danny Dimes      | ddimes135@yahoo.com       | 34  | Monthly
Evan Ewing       | eewing1245@enmu.edu       | 67  | Annual
```

```
C:\Users\vgnod\OneDrive\Desktop\Bachelors\Spring 25\CS359\Project\Part%203>python file.py 2
Gym Location      | Number of Classes
=====
Riverside         | 1
Rio Rancho        | 1
Santa Fe          | 1
Westside          | 1
The Heights       | 1
```

```
C:\Users\vgnod\OneDrive\Desktop\Bachelors\Spring 25\CS359\Project\Part%203>python file.py 3 1
Members attending Hot Yoga (ID: 1):
=====
- Amy Adams
```

```
C:\Users\vgnod\OneDrive\Desktop\Bachelors\Spring 25\CS359\Project\Part%203>python file.py 3 2
Members attending Powerlifting for Beginners (ID: 2):
=====
- Bill Burr
```

```
C:\Users\vgnod\OneDrive\Desktop\Bachelors\Spring 25\CS359\Project\Part%203>python file.py 3 3
Members attending Advanced Zumba (ID: 3):
=====
- Cathy Chavez
```

```
C:\Users\vgnod\OneDrive\Desktop\Bachelors\Spring 25\CS359\Project\Part%203>python file.py 3 4
Members attending Yin Yoga (ID: 4):
=====
- Evan Ewing
```

```
C:\Users\vgnod\OneDrive\Desktop\Bachelors\Spring 25\CS359\Project\Part%203>python file.py 3 5
Members attending Cross training (ID: 5):
=====
- Danny Dimes
```

```
C:\Users\vgnod\OneDrive\Desktop\Bachelors\Spring 25\CS359\Project\Part%203>python file.py 4 Strength
Equipment of type 'Strength':
=====
- Squat Rack
- Barbell
```

```
C:\Users\vgnod\OneDrive\Desktop\Bachelors\Spring 25\CS359\Project\Part%203>python file.py 4 Recovery
Equipment of type 'Recovery':
=====
- Cycling
```

```
C:\Users\vgnod\OneDrive\Desktop\Bachelors\Spring 25\CS359\Project\Part%203>python file.py 4 Cardio
Equipment of type 'Cardio':
=====
- Stationary Bike
```

```
C:\Users\vgnod\OneDrive\Desktop\Bachelors\Spring 25\CS359\Project\Part%203>python file.py 5
```

Members with Expired Memberships:

Name	Email	End Date
Amy Adams	aadams123@yahoo.com	2024-02-01
Bill Burr	bburr321@gmail.com	2024-02-01
Cathy Chavez	cchavez246@aol.com	2025-01-01
Danny Dimes	ddimes135@yahoo.com	2024-09-10
Evan Ewing	eewing1245@enmu.edu	2024-03-02

```
C:\Users\vgnod\OneDrive\Desktop\Bachelors\Spring 25\CS359\Project\Part%203>python file.py 6 1
```

Classes taught by Fabian Fever:

Class Name	Type	Duration (min)	Capacity
Advanced Zumba	Zumba	30	20

```
C:\Users\vgnod\OneDrive\Desktop\Bachelors\Spring 25\CS359\Project\Part%203>python file.py 7
```

Average Member Age by Membership Status:

=====

Active Memberships: 0.00 years

Expired Memberships: 33.00 years

```
C:\Users\vgnod\OneDrive\Desktop\Bachelors\Spring 25\CS359\Project\Part%203>python file.py 8
```

Top 3 Instructors:

Instructor ID	Instructor Name	# of Classes Taught
5	Jeremy Jaramillo	1
4	Isaac Ingles	1
3	Hallie Hobbs	1

```
C:\Users\vgnod\OneDrive\Desktop\Bachelors\Spring 25\CS359\Project\Part%203>python file.py 10
```

Members active in last month

Member Name	Class Name	Class Type
Cathy Chavez	Advanced Zumba	Zumba
Danny Dimes	Cross training	HIIT
Danny Dimes	Yin Yoga	Yoga