

WEEKEND FITNESS CLUB

Report



Weekend Fitness Club

Software Weekend Fitness Club (WFC) is used to manage customer reservations. On both Saturday and Sunday, the club provides a variety of group fitness classes. Exercise classes could include SPIN, YOGA, BODYSCULPT, ZUMBA. There are a maximum of 5 students per lesson. There are two exercise lessons per day on either Saturday or Sunday. Several forms of fitness activities have various lesson costs. But, regardless of the time they are offered, the same type of lessons will cost the same amount.

Main Menu:

User is allowed to perform multiple operations on system.

```
1. Print Reports
2. Book a Lesson
3. Change Booking
4. Cancel Booking
5. Write Review
6. Exit
>
```

Reports:

- Report that includes the average lesson rating and the number of students per lesson for each day.
- Report that ranks all lessons of the same kind by the type of fitness instruction that brought in the most money.

----- Report 1 -----

Week	Day	Lesson	Customers	Average Rating	Income
1	Saturday	Spin	5	2.40	500.00
1	Saturday	Yoga	5	3.60	600.00
1	Sunday	Zumba	4	3.25	520.00
1	Sunday	BodySculpt	4	3.00	560.00
2	Saturday	Spin	4	2.75	400.00
2	Saturday	Yoga	5	2.60	600.00
2	Sunday	Zumba	5	3.00	650.00
2	Sunday	BodySculpt	5	3.40	700.00
3	Saturday	Spin	2	3.00	200.00
3	Saturday	Yoga	4	4.50	480.00
3	Sunday	Zumba	2	3.00	260.00
3	Sunday	BodySculpt	3	3.33	420.00
4	Saturday	Spin	2	4.00	200.00
4	Saturday	Yoga	3	1.00	360.00
4	Sunday	Zumba	2	2.00	260.00
4	Sunday	BodySculpt	3	4.00	420.00

5	Saturday	Spin	4	1.50	400.00
5	Saturday	Yoga	3	2.00	360.00
5	Sunday	Zumba	3	2.67	390.00
5	Sunday	BodySculpt	2	4.50	280.00
6	Saturday	Spin	1	2.00	100.00
6	Saturday	Yoga	2	4.00	240.00
6	Sunday	Zumba	4	3.25	520.00
6	Sunday	BodySculpt	3	4.00	420.00
7	Saturday	Spin	4	3.25	400.00
7	Saturday	Yoga	4	2.75	480.00
7	Sunday	Zumba	3	1.67	390.00
7	Sunday	BodySculpt	1	5.00	140.00
8	Saturday	Spin	3	4.33	300.00
8	Saturday	Yoga	1	4.00	120.00
8	Sunday	Zumba	4	2.75	520.00
8	Sunday	BodySculpt	1	1.00	140.00

----- Report 2 -----

Highest Income Lesson Type: Zumba, Total Income: 3510.0

Booking A Lesson:

There are two ways for a customer to access the timetable when they want to book a lesson. The first option is by day (Saturday/Sundat). For instance, if a customer selects Saturday, all of the lessons for all of the Saturdays will be shown. The second option is to filter results by fitness level. For instance, if a customer selects YOGA, all of the YOGA lessons for all of the days in the schedule will be shown. The consumer will then make a lesson reservation in accordance with the timetable they have seen.

Display Timetable

1. By Day

2. By Fitness Type

> 1

Select day

Saturday

Sunday

> Saturday

Lesson Classes

Sr. No.	Week	Day	Lesson	Customers	Average Rating
1	1	Saturday	Spin	5	2.40
2	1	Saturday	Yoga	5	3.60
3	2	Saturday	Spin	4	2.75
4	2	Saturday	Yoga	5	2.60
5	3	Saturday	Spin	2	3.00
6	3	Saturday	Yoga	4	4.50
7	4	Saturday	Spin	2	4.00
8	4	Saturday	Yoga	3	1.00
9	5	Saturday	Spin	4	1.50
10	5	Saturday	Yoga	3	2.00
11	6	Saturday	Spin	1	2.00
12	6	Saturday	Yoga	2	4.00
13	7	Saturday	Spin	4	3.25
14	7	Saturday	Yoga	4	2.75
15	8	Saturday	Spin	3	4.33
16	8	Saturday	Yoga	1	4.00

Display Timetable
1. By Day
2. By Fitness Type
> 2

Lesson Types

Spin

Yoga

Zumba

BodySculpt

> Yoga

Lesson Classes

Sr. No.	Week	Day	Lesson	Customers	Average Rating
1	1	Saturday	Yoga	5	3.00
2	2	Saturday	Yoga	2	3.50
3	3	Saturday	Yoga	4	2.25
4	4	Saturday	Yoga	3	1.67
5	5	Saturday	Yoga	3	3.00
6	6	Saturday	Yoga	3	2.67
7	7	Saturday	Yoga	2	4.00
8	8	Saturday	Yoga	2	3.50

Select Lesson Class: |

Lesson Classes

Sr. No.	Week	Day	Lesson	Customers	Average Rating
1	1	Saturday	Yoga	5	3.20
2	2	Saturday	Yoga	3	1.67
3	3	Saturday	Yoga	3	3.00
4	4	Saturday	Yoga	4	2.75
5	5	Saturday	Yoga	5	3.40
6	6	Saturday	Yoga	2	1.00
7	7	Saturday	Yoga	3	3.67
8	8	Saturday	Yoga	2	4.00

Select Lesson Class: 2

Enter Customer Name:

John

Enter Customer Number:

3984329

Lesson is Booked!

Change a Booking:

Customers may change their reservations as long as there are still space for the newly chosen lesson.

```
1. Print Reports
```

```
2. Book a Lesson
```

```
3. Change Booking
```

```
4. Cancel Booking
```

```
5. Write Review
```

```
6. Exit
```

```
> 3
```

```
Enter Customer Name:
```

```
John
```

```
Lesson Classes
```

Sr. No.	Week	Day	Lesson	Customers	Average Rating
1	2	Saturday	Yoga	4	1.67

```
Select Lesson Class To Change: 1
```

```
Display Timetable
```

```
1. By Day
```

```
2. By Fitness Type
```

```
> 2
```

```
Lesson Types
```

```
Spin
```

```
Yoga
```

```
Zumba
```

```
BodySculpt
```

```
> Zumba
```

```
Lesson Classes
```

Sr. No.	Week	Day	Lesson	Customers	Average Rating
1	1	Sunday	Zumba	5	2.80
2	2	Sunday	Zumba	4	3.00
3	3	Sunday	Zumba	1	2.00
4	4	Sunday	Zumba	0	0.00
5	5	Sunday	Zumba	1	1.00
6	6	Sunday	Zumba	3	4.00
7	7	Sunday	Zumba	3	3.00
8	8	Sunday	Zumba	5	2.00

```
Select Lesson Class: 4
```

Cancel A Booking:

One customer may reserve as many lessons as desired. Also, customers have the option to cancel a reservation.

```
1. Print Reports
2. Book a Lesson
3. Change Booking
4. Cancel Booking
5. Write Review
6. Exit
> 4
Enter Customer Name:
John
Lesson Classes

Sr. No.    Week    Day    Lesson    Customers    Average Rating
1          4      Sunday    Zumba        1          0.00
Select Lesson Class To Cancel: 1
Booking Cancelled!
```

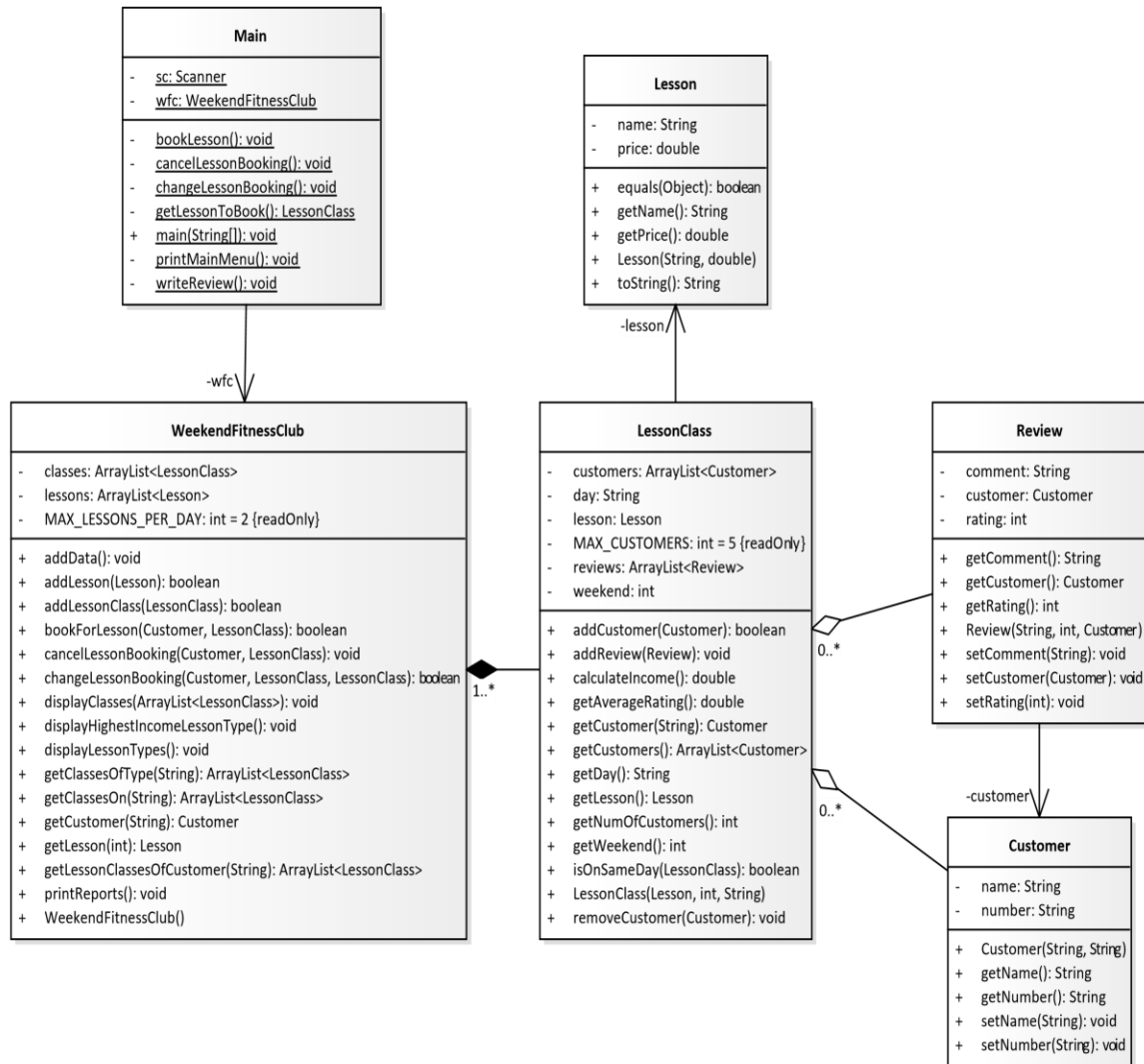
Write A Review

Customers can leave feedback on the lesson they've taken and rate it numerically from 1 to 5. (1: Very dissatisfied, 2: Dissatisfied, 3: Ok, 4: Satisfied, 5: Very Satisfied). The system will keep track of the review and rating data.

```
1. Print Reports
2. Book a Lesson
3. Change Booking
4. Cancel Booking
5. Write Review
6. Exit
> 5
Enter Customer Name:
Emma
Lesson Classes

Sr. No.    Week    Day    Lesson    Customers    Average Rating
1          2      Saturday    Spin        5          2.60
2          2      Saturday    Yoga        3          2.33
3          2      Sunday    BodySculpt    5          2.20
4          4      Saturday    Spin        1          5.00
5          4      Saturday    Yoga        5          2.80
6          5      Saturday    Spin        4          3.25
7          5      Sunday    Zumba        5          3.80
8          5      Sunday    BodySculpt    5          2.60
9          8      Saturday    Spin        2          4.50
10         8      Saturday    Yoga        4          4.00
Select Lesson Class To Write Review: 2
Enter Comment: Comment
Input rating (1: Very dissatisfied, 2: Dissatisfied, 3: Ok, 4: Satisfied, 5: Very Satisfied): 4
Review is added!
```

Class Diagram



JUnit Testing

JUnit Testing is applied on class to test that methods are working as per requirements.

