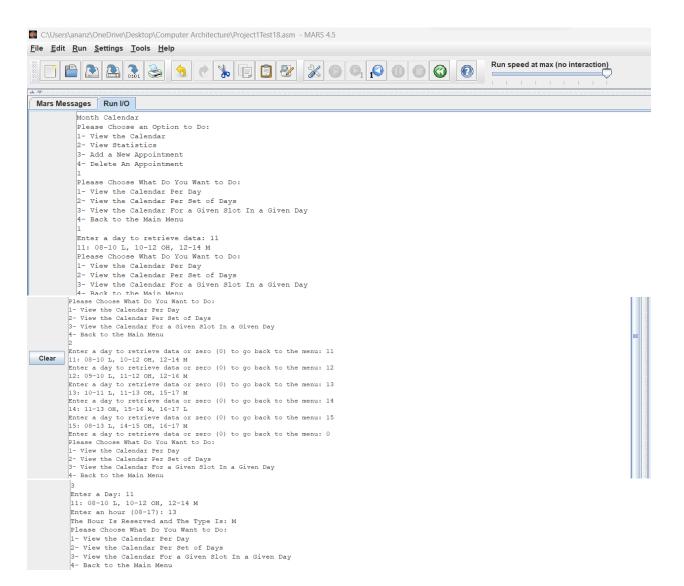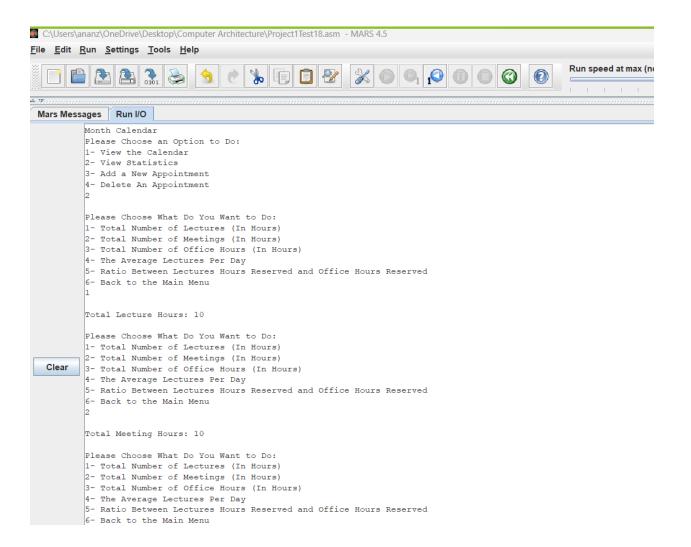# BIRZEIT UNIVERSITY

Department of Electrical and Computer Engineering

First semester 2023/2024

Computer Architecture ENCS4370

Project 1

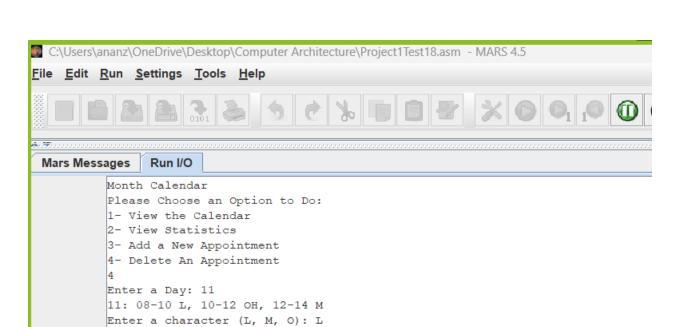Prepared by: Anan Zein (1193078), Faten Sultan (1202750)

Instructor: Dr. Aziz Qaroush.

Section: 1

File   Edit   Run   Settings   Tools   Help

Run speed at max (no interaction)

Mars Messages | Run I/O

```
Month Calendar
Please Choose an Option to Do:
1- View the Calendar
2- View Statistics
3- Add a New Appointment
4- Delete An Appointment
1
Please Choose What Do You Want to Do:
1- View the Calendar Per Day
2- View the Calendar Per Set of Days
3- View the Calendar For a Given Slot In a Given Day
4- Back to the Main Menu
1
Enter a day to retrieve data: 11
11: 08-10 L, 10-12 OH, 12-14 M
Please Choose What Do You Want to Do:
1- View the Calendar Per Day
2- View the Calendar Per Set of Days
3- View the Calendar For a Given Slot In a Given Day
4- Back to the Main Menu
```

```
Please Choose What Do You Want to Do:
1- View the Calendar Per Day
2- View the Calendar Per Set of Days
3- View the Calendar For a Given Slot In a Given Day
4- Back to the Main Menu
2
Enter a day to retrieve data or zero (0) to go back to the menu: 11
11: 08-10 L, 10-12 OH, 12-14 M
Enter a day to retrieve data or zero (0) to go back to the menu: 12
12: 09-10 L, 11-12 OH, 12-16 M
Enter a day to retrieve data or zero (0) to go back to the menu: 13
13: 10-11 L, 11-13 OH, 15-17 M
Enter a day to retrieve data or zero (0) to go back to the menu: 14
14: 11-13 OH, 15-16 M, 16-17 L
Enter a day to retrieve data or zero (0) to go back to the menu: 15
15: 08-13 L, 14-15 OH, 16-17 M
Enter a day to retrieve data or zero (0) to go back to the menu: 0
Please Choose What Do You Want to Do:
1- View the Calendar Per Day
2- View the Calendar Per Set of Days
3- View the Calendar For a Given Slot In a Given Day
4- Back to the Main Menu
```

Clear

```
3
Enter a Day: 11
11: 08-10 L, 10-12 OH, 12-14 M
Enter an hour (08-17): 13
The Hour Is Reserved and The Type Is: M
Please Choose What Do You Want to Do:
1- View the Calendar Per Day
2- View the Calendar Per Set of Days
3- View the Calendar For a Given Slot In a Given Day
4- Back to the Main Menu
```

File   Edit   Run   Settings   Tools   Help

Run speed at max (n

Mars Messages   **Run I/O**

Clear

```
Month Calendar
Please Choose an Option to Do:
1- View the Calendar
2- View Statistics
3- Add a New Appointment
4- Delete An Appointment
2

Please Choose What Do You Want to Do:
1- Total Number of Lectures (In Hours)
2- Total Number of Meetings (In Hours)
3- Total Number of Office Hours (In Hours)
4- The Average Lectures Per Day
5- Ratio Between Lectures Hours Reserved and Office Hours Reserved
6- Back to the Main Menu
1

Total Lecture Hours: 10

Please Choose What Do You Want to Do:
1- Total Number of Lectures (In Hours)
2- Total Number of Meetings (In Hours)
3- Total Number of Office Hours (In Hours)
4- The Average Lectures Per Day
5- Ratio Between Lectures Hours Reserved and Office Hours Reserved
6- Back to the Main Menu
2

Total Meeting Hours: 10

Please Choose What Do You Want to Do:
1- Total Number of Lectures (In Hours)
2- Total Number of Meetings (In Hours)
3- Total Number of Office Hours (In Hours)
4- The Average Lectures Per Day
5- Ratio Between Lectures Hours Reserved and Office Hours Reserved
6- Back to the Main Menu
```

```
Please Choose What Do You Want to Do:
1- Total Number of Lectures (In Hours)
2- Total Number of Meetings (In Hours)
3- Total Number of Office Hours (In Hours)
4- The Average Lectures Per Day
5- Ratio Between Lectures Hours Reserved and Office Hours Reserved
6- Back to the Main Menu
4
11: 08-10 L, 10-12 OH, 12-14 M

12: 09-10 L, 11-12 OH, 12-16 M

13: 10-11 L, 11-13 OH, 15-17 M

14: 11-13 OH, 15-16 M, 16-17 L

15: 08-13 L, 14-15 OH, 16-17 M

Total Lecture Hours: 10
5
Average Lecture Hours: 2
Please Choose What Do You Want to Do:
1- Total Number of Lectures (In Hours)
2- Total Number of Meetings (In Hours)
3- Total Number of Office Hours (In Hours)
4- The Average Lectures Per Day
5- Ratio Between Lectures Hours Reserved and Office Hours Reserved
6- Back to the Main Menu
Please Choose What Do You Want to Do:
1- Total Number of Lectures (In Hours)
2- Total Number of Meetings (In Hours)
3- Total Number of Office Hours (In Hours)
4- The Average Lectures Per Day
5- Ratio Between Lectures Hours Reserved and Office Hours Reserved
6- Back to the Main Menu
6
Month Calendar
Please Choose an Option to Do:
1- View the Calendar
2- View Statistics
3- Add a New Appointment
4- Delete An Appointment
3
Enter a Day: 12
12: 09-10 L, 11-12 OH, 12-16 M
Enter Start hour (08-17): 10
The hour is available.
12: 09-10 L, 10-
Enter End hour (08-17): 11
The hour is available.
Enter a character: M
12: 09-10 L, 10-11M , 11-12 OH, 12-16 M
```

File   Edit   Run   Settings   Tools   Help

Mars Messages   **Run I/O**

```
Month Calendar
Please Choose an Option to Do:
1- View the Calendar
2- View Statistics
3- Add a New Appointment
4- Delete An Appointment
4
Enter a Day: 11
11: 08-10 L, 10-12 OH, 12-14 M
Enter a character (L, M, O): L
11:          , 10-12 OH, 12-14 M
Month Calendar
Please Choose an Option to Do:
1- View the Calendar
2- View Statistics
3- Add a New Appointment
4- Delete An Appointment
```

Clear