



Faculty of Engineering and Technology

Electrical and Computer Engineering Department

Computer Architecture (ENCS4370)

Project No. 1 Test Cases

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Table of Contents

Calendar File Example	1
View The Calendar	1
View Statistics.....	2
Add New Appointment	3
Delete an Appointment	3
Save and Exit choice	4

List of Figures

Figure 1: Calendar File Example	1
Figure 2: View the Calendar Per Day Result	1
Figure 3: View the Calendar for a Given Slot Result	2
Figure 4: View Statistics Result	2
Figure 5: Add New Appointment Result	3
Figure 6: Delete an Appointment Result	3
Figure 7: Exit and Save	4
Figure 8: Exit and Save Result	4

Calendar File Example

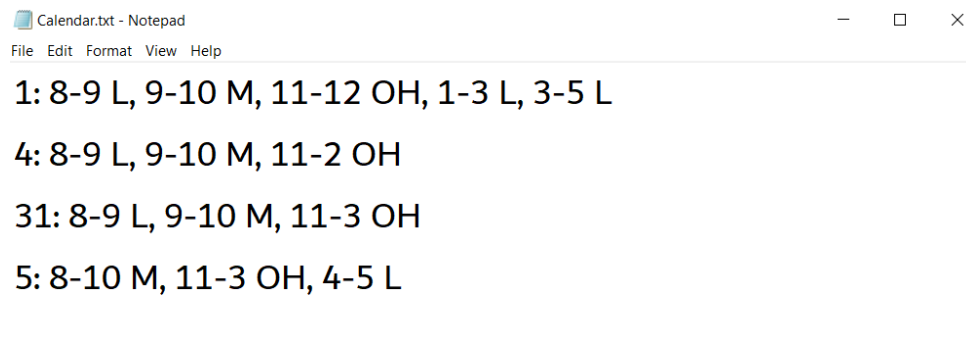


Figure 1: Calendar File Example

View The Calendar

For example, if the choice is viewing the calendar per day and the entered day number equals to one. Figure 2 shows the result.

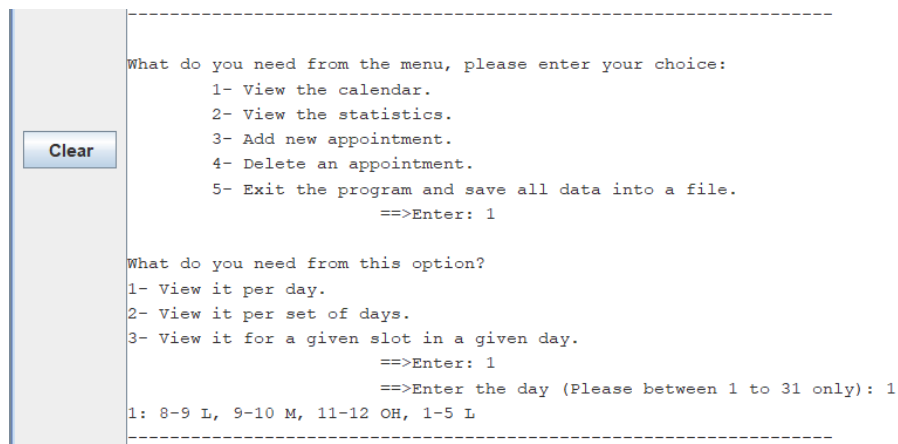
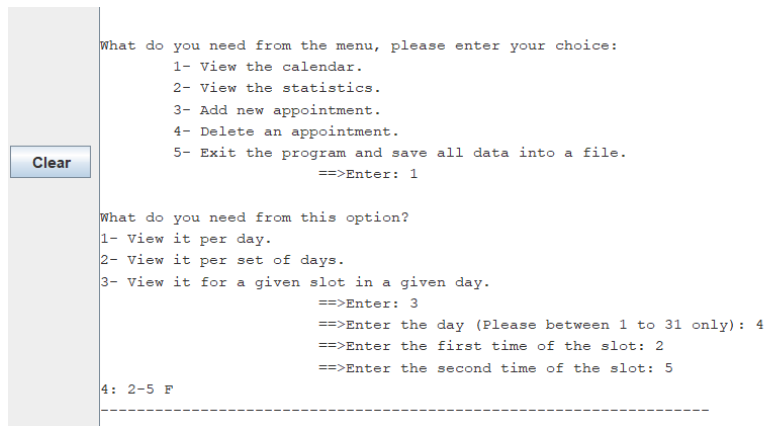


Figure 2: View the Calendar Per Day Result

For example, if the choice is viewing the calendar for a given slot, the entered day number equals to 4 and the slot equals from 2 to 4. Figure 3 shows the result. Note that the symbol F for a free slot.



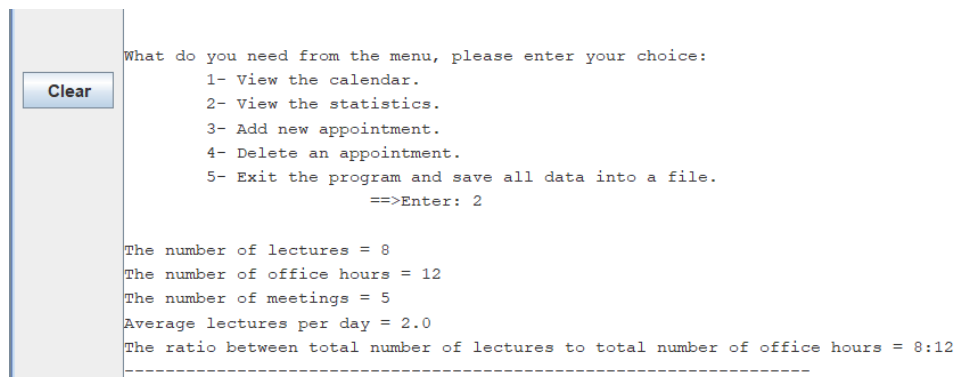
```
What do you need from the menu, please enter your choice:
1- View the calendar.
2- View the statistics.
3- Add new appointment.
4- Delete an appointment.
5- Exit the program and save all data into a file.
==>Enter: 1

What do you need from this option?
1- View it per day.
2- View it per set of days.
3- View it for a given slot in a given day.
==>Enter: 3
==>Enter the day (Please between 1 to 31 only): 4
==>Enter the first time of the slot: 2
==>Enter the second time of the slot: 5

4: 2-5 F
-----
```

Figure 3: View the Calendar for a Given Slot Result

View Statistics

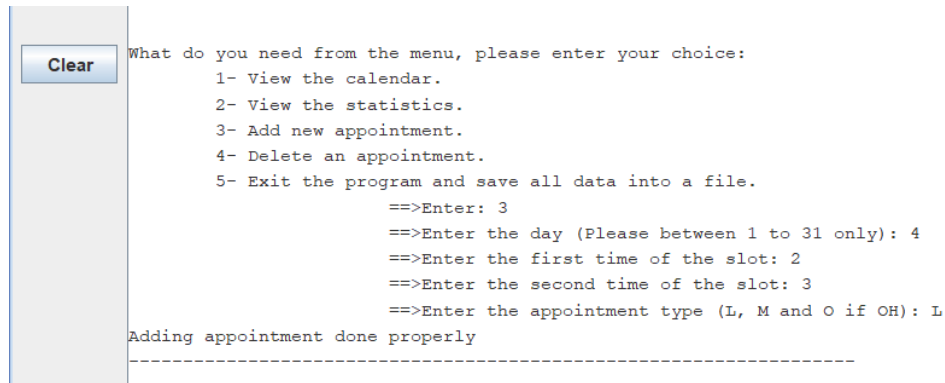


```
What do you need from the menu, please enter your choice:
1- View the calendar.
2- View the statistics.
3- Add new appointment.
4- Delete an appointment.
5- Exit the program and save all data into a file.
==>Enter: 2

The number of lectures = 8
The number of office hours = 12
The number of meetings = 5
Average lectures per day = 2.0
The ratio between total number of lectures to total number of office hours = 8:12
-----
```

Figure 4: View Statistics Result

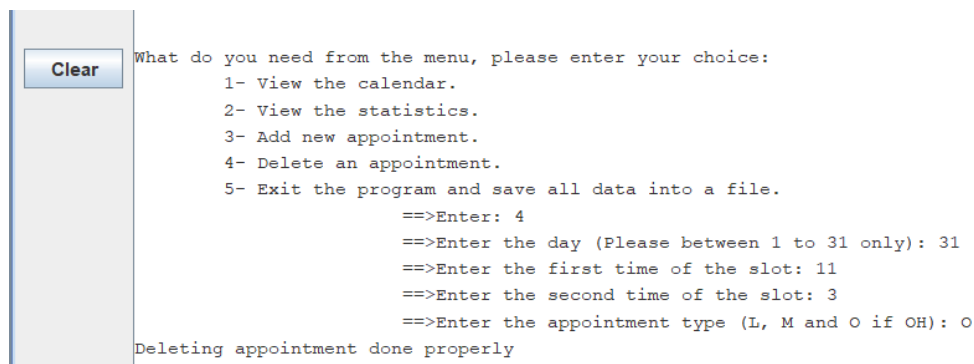
Add New Appointment



```
What do you need from the menu, please enter your choice:
1- View the calendar.
2- View the statistics.
3- Add new appointment.
4- Delete an appointment.
5- Exit the program and save all data into a file.
==>Enter: 3
==>Enter the day (Please between 1 to 31 only): 4
==>Enter the first time of the slot: 2
==>Enter the second time of the slot: 3
==>Enter the appointment type (L, M and O if OH): L
Adding appointment done properly
-----
```

Figure 5: Add New Appointment Result

Delete an Appointment



```
What do you need from the menu, please enter your choice:
1- View the calendar.
2- View the statistics.
3- Add new appointment.
4- Delete an appointment.
5- Exit the program and save all data into a file.
==>Enter: 4
==>Enter the day (Please between 1 to 31 only): 31
==>Enter the first time of the slot: 11
==>Enter the second time of the slot: 3
==>Enter the appointment type (L, M and O if OH): O
Deleting appointment done properly
```

Figure 6: Delete an Appointment Result

Save and Exit choice

This program provides the save and exit choice. After the choice is chosen, all updates on the calendar will save on the same Calendar file.

```
What do you need from the menu, please enter your choice:
1- View the calendar.
2- View the statistics.
3- Add new appointment.
4- Delete an appointment.
5- Exit the program and save all data into a file.
==>Enter: 5

Save done, welcome
```

Figure 7: Exit and Save

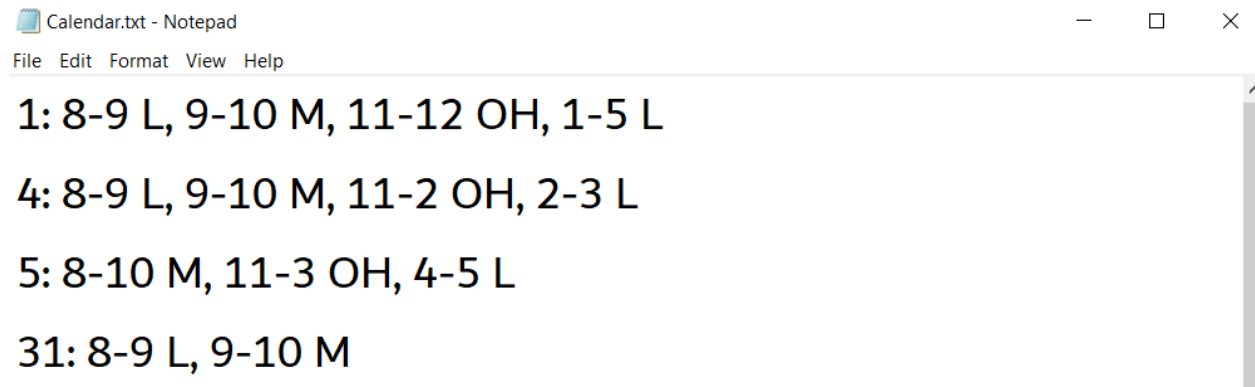


Figure 8: Exit and Save Result