

Testing Room Scheduler by command line arg

shortNote:

- Attached all the tested txt files in src/testByArg/ folder
- Location: <https://github.com/vivekVells/MSCS721-roomScheduler/tree/master/src/testByArg>

Testing By InputAddRoomTest.txt:

Inference after running this test:

- "roomNameArg" added successfully.
- Expected vs Actual is same

Inside inputAddRoomTest.txt:

```
1
roomNameArg
buildingNameArg
locationNameArg
4
8
```

In command line arg:

```
Vivek-Pc@kev MINGW64 /e/Marist/Semester2/SoftwareVerificationAndMaintenance/roomScheduler/src (master)
$ java -jar roomscheduler.jar < testByArg/inputAddRoom.txt
```

```
*****
```

```
ROOM SCHEDULER PAGE
```

```
*****
```

```
Today: 2018/05/10 13:05:52
```

Main Menu:

- 1 - Add a room
- 2 - Remove a room
- 3 - List Rooms

- 4 - Schedule a room
- 5 - List Schedule
- 6 - Import Room Schedule
- 7 - Export Room Schedule
- 8 - Quit

Enter your selection:

ROOM SCHEDULER PAGE

Today: 2018/05/10 13:05:52

ADD ROOM PAGE

Note: Maximum Allowed Room Capacity: 10

Room Name: Building Name: Location: Room capacity:
Room 'roomNameArg' is added successfully!

Redirecting to Home Page Menu...

ROOM SCHEDULER PAGE

Today: 2018/05/10 13:05:55

Main Menu:

- 1 - Add a room
- 2 - Remove a room
- 3 - List Rooms
- 4 - Schedule a room
- 5 - List Schedule
- 6 - Import Room Schedule
- 7 - Export Room Schedule
- 8 - Quit

Enter your selection: Quitting the program...

[INFO] Quitting the program...

0 [main] INFO roomscheduler.RoomScheduler - Quitting the program...

Fileoutput stored in txtfile: outputAddRoomTest.txt

Vivek-Pc@kev MINGW64 /e/Marist/Semester2/SoftwareVerificationAndMaintenance/roomScheduler/src (master)
\$ java -jar roomscheduler.jar < testByArg/inputAddRoom.txt > testByArg/outputAddRoom.txt

Testing By InputListRoomTest.txt:

Inference after running this test:

- "roomNameArg" added was listed successfully.
- Expected vs Actual is same

Inside inputListRoomTest.txt:

```
1
roomNameArg
buildingNameArg
locationNameArg
4
3
8
```

In command line execution:

Vivek-Pc@kev MINGW64 /e/Marist/Semester2/SoftwareVerificationAndMaintenance/roomScheduler/src (master)
\$ java -jar roomscheduler.jar < testByArg/inputListRoomTest.txt

```
*****
*****
                                ROOM SCHEDULER PAGE
*****
*****
Today: 2018/05/10 13:05:34
```

Main Menu:

- 1 - Add a room
- 2 - Remove a room
- 3 - List Rooms
- 4 - Schedule a room
- 5 - List Schedule
- 6 - Import Room Schedule
- 7 - Export Room Schedule
- 8 - Quit

Enter your selection:

ROOM SCHEDULER PAGE

Today: 2018/05/10 13:05:34

ADD ROOM PAGE

Note: Maximum Allowed Room Capacity: 10

Room Name: Building Name: Location: Room capacity:

Room 'roomNameArg' is added successfully!

Redirecting to Home Page Menu...

ROOM SCHEDULER PAGE

Today: 2018/05/10 13:05:37

Main Menu:

- 1 - Add a room
- 2 - Remove a room
- 3 - List Rooms
- 4 - Schedule a room

- 5 - List Schedule
- 6 - Import Room Schedule
- 7 - Export Room Schedule
- 8 - Quit

Enter your selection:

ROOM SCHEDULER PAGE

Today: 2018/05/10 13:05:37

ROOM INFORMATION PAGE

1 Room(s) available

1) roomNameArg || Capacity: 4 || Building: buildingNameArg || Location: locationNameArg

Redirecting to Home Page Menu...

ROOM SCHEDULER PAGE

Today: 2018/05/10 13:05:40

Main Menu:

- 1 - Add a room
- 2 - Remove a room
- 3 - List Rooms
- 4 - Schedule a room
- 5 - List Schedule
- 6 - Import Room Schedule
- 7 - Export Room Schedule
- 8 - Quit

Enter your selection: Quitting the program...

```
[ INFO] Quitting the program...  
0 [main] INFO roomscheduler.RoomScheduler - Quitting the program...
```

Vivek-Pc@kev MINGW64 /e/Marist/Semester2/SoftwareVerificationAndMaintenance/roomScheduler/src (master)

Fileoutput stored in txtfile: outputListRoomTest.txt

Vivek-Pc@kev MINGW64 /e/Marist/Semester2/SoftwareVerificationAndMaintenance/roomScheduler/src (master)
\$ java -jar roomscheduler.jar < testByArg/inputListRoomTest.txt > testByArg/outputListRoomTest.txt

Testing By InputRemoveRoom.txt:

Inference after running this test:

- "roomNameArg" was removed successfully.
- Expected vs Actual is same

Inside inputRemoveRoomTest.txt:

```
1  
roomNameArg  
buildingNameArg  
locationNameArg  
4  
RoomNameArg  
3  
8
```

In command line execution:

Vivek-Pc@kev MINGW64 /e/Marist/Semester2/SoftwareVerificationAndMaintenance/roomScheduler/src (master)
\$ java -jar roomscheduler.jar < testByArg/inputRemoveRoomTest.txt

ROOM SCHEDULER PAGE

Today: 2018/05/10 13:05:11

Main Menu:

- 1 - Add a room
- 2 - Remove a room
- 3 - List Rooms
- 4 - Schedule a room
- 5 - List Schedule
- 6 - Import Room Schedule
- 7 - Export Room Schedule
- 8 - Quit

Enter your selection:

ROOM SCHEDULER PAGE

Today: 2018/05/10 13:05:11

ADD ROOM PAGE

Note: Maximum Allowed Room Capacity: 10

Room Name: Building Name: Location: Room capacity:
Room 'roomNameArg' is added successfully!

Redirecting to Home Page Menu...

ROOM SCHEDULER PAGE

Today: 2018/05/10 13:05:14

Main Menu:

- 1 - Add a room
- 2 - Remove a room
- 3 - List Rooms
- 4 - Schedule a room
- 5 - List Schedule
- 6 - Import Room Schedule
- 7 - Export Room Schedule
- 8 - Quit

Enter your selection:

ROOM SCHEDULER PAGE

Today: 2018/05/10 13:05:14

ROOM INFORMATION PAGE

1 Room(s) available

1) roomNameArg || Capacity: 4 || Building: buildingNameArg || Location: locationNameArg

Redirecting to Home Page Menu...

ROOM SCHEDULER PAGE

Today: 2018/05/10 13:05:17

Main Menu:

- 1 - Add a room

- 2 - Remove a room
- 3 - List Rooms
- 4 - Schedule a room
- 5 - List Schedule
- 6 - Import Room Schedule
- 7 - Export Room Schedule
- 8 - Quit

Enter your selection:

ROOM SCHEDULER PAGE

Today: 2018/05/10 13:05:17

ROOM REMOVAL PAGE

Input Room to remove:

Room removed successfully!

Redirecting to Home Page Menu...

ROOM SCHEDULER PAGE

Today: 2018/05/10 13:05:20

Main Menu:

- 1 - Add a room
- 2 - Remove a room
- 3 - List Rooms
- 4 - Schedule a room
- 5 - List Schedule
- 6 - Import Room Schedule
- 7 - Export Room Schedule
- 8 - Quit

Enter your selection:

ROOM SCHEDULER PAGE

Today: 2018/05/10 13:05:20

ROOM INFORMATION PAGE

No rooms available as of now

Redirecting to Home Page Menu...

ROOM SCHEDULER PAGE

Today: 2018/05/10 13:05:23

Main Menu:

- 1 - Add a room
- 2 - Remove a room
- 3 - List Rooms
- 4 - Schedule a room
- 5 - List Schedule
- 6 - Import Room Schedule
- 7 - Export Room Schedule
- 8 - Quit

Enter your selection: Quitting the program...

[INFO] Quitting the program...

0 [main] INFO roomscheduler.RoomScheduler - Quitting the program...

Fileoutput stored in txtfile: outputRemoveRoomTest.txt

Vivek-Pc@kev MINGW64 /e/Marist/Semester2/SoftwareVerificationAndMaintenance/roomScheduler/src (master)
\$ java -jar roomscheduler.jar < testByArg/inputRemoveRoomTest.txt > testByArg/outputRemoveRoomTest.txt

Testing By InputMutantRoom.txt:

Inference after running this test:

- “roomNameArg” added and then when tried to add again with same room name “roomNameArg” - got “Room Already Exists” warning message..
- Expected vs Actual is same

Inside inputAddRoom.txt:

```
1
roomNameArg
buildingNameArg
locationNameArg
4
1
roomNameArg
3
8
```

In command line execution:

```
*****
*****
ROOM SCHEDULER PAGE
*****
*****
Today: 2018/05/10 14:05:12
```

Main Menu:

- 1 - Add a room
- 2 - Remove a room
- 3 - List Rooms
- 4 - Schedule a room
- 5 - List Schedule
- 6 - Import Room Schedule
- 7 - Export Room Schedule
- 8 - Quit

Enter your selection:

ROOM SCHEDULER PAGE

Today: 2018/05/10 14:05:12

ADD ROOM PAGE

Note: Maximum Allowed Room Capacity: 10

Room Name: Building Name: Location: Room capacity:
Room 'roomNameArg' is added successfully!

Redirecting to Home Page Menu...

ROOM SCHEDULER PAGE

Today: 2018/05/10 14:05:15

Main Menu:

- 1 - Add a room
- 2 - Remove a room
- 3 - List Rooms
- 4 - Schedule a room
- 5 - List Schedule
- 6 - Import Room Schedule
- 7 - Export Room Schedule

8 - Quit

Enter your selection:

ROOM SCHEDULER PAGE

Today: 2018/05/10 14:05:15

ADD ROOM PAGE

Note: Maximum Allowed Room Capacity: 10

Room Name: Building Name: Location:

Room ALREADY EXISTS...

Redirecting to Home Page Menu...

ROOM SCHEDULER PAGE

Today: 2018/05/10 14:05:18

Main Menu:

1 - Add a room

2 - Remove a room

3 - List Rooms

4 - Schedule a room

5 - List Schedule

6 - Import Room Schedule

7 - Export Room Schedule

8 - Quit

Enter your selection: [WARN]

Invalid choice selection. Input only number of choice appropriately

0 [main] WARN roomscheduler.RoomScheduler -

Invalid choice selection. Input only number of choice appropriately

Invalid choice selection. Input only number of choice appropriately

Fileoutput stored in txtfile: outputMutantSameRoomNameFailTest.txt

```
Vivek-Pc@kev MINGW64 /e/Marist/Semester2/SoftwareVerificationAndMaintenance/roomScheduler/src (master)
$ java -jar roomscheduler.jar < testByArg/inputMutantSameRoomNameFailTest.txt >
testByArg/outputMutantSameRoomNameFailTest.txt
```