

```
■ Console ×
 terminated > StageD (5) [Java Application] C:\Users\DELL\Desktop\Softwares\eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.8.v20230831-1047\jre\bir
No existing data found. Proceeding in an empty state.
Enter the maximum number of items to store: 10
                  Resort by the Sea
                 Cairns, Queensland
 1. Add New Room
 2. Display Accommodation Details
  3. View Accommodation Summary
 4. Guest Check-In
 5. Guest Check-Out
 6. Add Special Room
 7. View Added(Special)Services
 | 8. Display Checked-In Rooms
 | 9. Save and Exit
Please enter your choice: 1
*** ADD NEW ROOMS ***
Enter Room Category (Standard / Deluxe / Premium): standArd
Enter Room type (Single / Double / Triple): singLe
Enter Room Name: Standard Single
Enter Room Description: Has basic amenities.
Successfully added Standard Room (No. 101)
                  Resort by the Sea
                 Cairns, Queensland
 1. Add New Room
 2. Display Accommodation Details
 3. View Accommodation Summary
 | 4. Guest Check-In
 5. Guest Check-Out
 6. Add Special Room
 | 7. View Added(Special)Services
 | 8. Display Checked-In Rooms
 9. Save and Exit
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■ Console ×	
<terminated> StageD (5) [Java Application] C:\Users\DELL\Desktop\Softwares\</terminated>	eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.8.v20230831-1047\jre\bin\ja
Please enter your choice: 1	
*** ADD NEW ROOMS *** Enter Room Category (Standard / Deluxe / Premium): DE Enter Room type (Single / Double / Triple): double Enter Room Name: Deluxe Double Enter Room Description: Spacious and has bathtub. Enter Space Details: 50m Enter Bathtub Details: 1 bathtub Successfully added Deluxe Room (No. 102)	ELUXE
Resort by the Sea Cairns, Queensland	
1. Add New Room 2. Display Accommodation Details 3. View Accommodation Summary 4. Guest Check-In 5. Guest Check-Out 6. Add Special Room 7. View Added(Special)Services 8. Display Checked-In Rooms 9. Save and Exit	

StageD (5) [Java Application] C:\Users\DELL\Desktop\Softwares\eclipse\j	plugins\org.eclipse.justj.openjdk.hotspo	ot.jre.full.win32.x86_64_17.0.8.v20230831-	1047\jre\bin\javaw.exe (Jan 13, 2024, 9:44:17 PM) [pid: 908]
Resort by the Sea Cairns, Queensland				
1. Add New Room 2. Display Accommodation Details 3. View Accommodation Summary 4. Guest Check-In 5. Guest Check-Out 6. Add Special Room 7. View Added(Special)Services 8. Display Checked-In Rooms 9. Save and Exit				
Please enter your choice: 2				
*** ACCOMMODATION DETAILS *** Enter Room Number: 101				
Room Details:				
Room No. Category Type Checked-In 101 standard single No	Cost Per Day No o	of Days Name Standard Single	Description Has basic amenities.	Special Services No
Resort by the Sea	 			
1. Add New Room 2. Display Accommodation Details 3. View Accommodation Summary 4. Guest Check-In 5. Guest Check-Out 6. Add Special Room 7. View Added(Special)Services 8. Display Checked-In Rooms 9. Save and Exit				
Please enter your choice: 2				

StageD (5) [Java Application] C:\Users\DELL\Desktop\Softwares\eclipse\plus	gins\org.eclipse.justj.openjdk.hotspot.jre.full.v	vin32.x86_64_17.0.8.v20230831-1	1047\jre\bin\javaw.exe (Jan 13, 2024, 9:44:17 PN	И) [pid: 908]
Resort by the Sea	 			
1. Add New Room 2. Display Accommodation Details 3. View Accommodation Summary 4. Guest Check-In 5. Guest Check-Out 6. Add Special Room 7. View Added(Special)Services 8. Display Checked-In Rooms 9. Save and Exit				
Please enter your choice: 2				
*** ACCOMMODATION DETAILS *** Enter Room Number: 103				
Room Details:				
Room No. Category Type Checked-In 103 premium triple No	Cost Per Day No of Days 690.00 0			Special Services No
Resort by the Sea Cairns, Queensland	 			
1. Add New Room 2. Display Accommodation Details 3. View Accommodation Summary 4. Guest Check-In 5. Guest Check-Out 6. Add Special Room 7. View Added(Special)Services 8. Display Checked-In Rooms 9. Save and Exit	 - - - - -			

StageD (5) [Java Application] C:\Users\DELL\Desktop\Softwares\ecl	ipse\plugins\org.eclipse.justj.openjd	k.hotspot.jre.full.win32.x	86_64_17.0.8.v20230831-1047\jre\	bin\javaw.exe (Jan 13, 2024, 9:47:53 PM) [pid: 17	⁷ 328]
Resort by the Sea Cairns, Queensland					
1. Add New Room 2. Display Accommodation Details 3. View Accommodation Summary 4. Guest Check-In 5. Guest Check-Out 6. Add Special Room 7. View Added(Special)Services 8. Display Checked-In Rooms 9. Save and Exit	 				
Please enter your choice: 3					
*** ACCOMMODATION SUMMARY *** Number of rooms: 3					
Room Number Category Type Checker 101 Standard single No 102 Deluxe double No 103 Premium triple No	ed-In Cost per day 230.00 430.00 690.00	N o of Da y s 0 0 0	Name Standard Single Deluxe Double Premium Triple	Description Has basic amenities. Spacious and has bathtub. Has spa and kitchenette.	Special Services No No No
Resort by the Sea Cairns, Queensland					
1. Add New Room 2. Display Accommodation Details 3. View Accommodation Summary 4. Guest Check-In 5. Guest Check-Out 6. Add Special Room 7. View Added(Special)Services 8. Display Checked-In Rooms 9. Save and Exit					

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ageD (5) [Java Application] C:\Users\DELL\Desktop\Softwares\eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.8.v20230831-1047\jre\bin\javaw.exe (Jan 13, 2024, 9:52:32 PM) [pid: 10200]
                 Resort by the Sea
                Cairns, Queensland
 1. Add New Room
 2. Display Accommodation Details
 3. View Accommodation Summary
 4. Guest Check-In
 5. Guest Check-Out
 6. Add Special Room
 7. View Added (Special) Services
 8. Display Checked-In Rooms
 9. Save and Exit
Please enter your choice: 3
*** ACCOMMODATION SUMMARY ***
Number of rooms: 3
 Room Number | Category | Type | Checked-In | Cost per day
                                                                       | No of Days | Name
                                                                                                             | Description
                                                                                                                                                    | Special Services
               | Standard | single | Yes
                                                   | 230.00
                                                                                      | Standard Single
                                                                                                             | Has basic amenities.
                                                                                                                                                   | No
 102
               | Deluxe | double | No
                                                   | 430.00
                                                                                      | Deluxe Double
                                                                                                             | Spacious and has bathtub.
                                                                                                                                                    | No
 103
               | Premium | triple | Yes
                                                   | 690.00
                                                                                      | Premium Triple
                                                                                                             | Has spa and kitchenette.
                                                                                                                                                    | No
                 Resort by the Sea
                Cairns, Queensland
 1. Add New Room
 2. Display Accommodation Details
 3. View Accommodation Summary
 4. Guest Check-In
 5. Guest Check-Out
 6. Add Special Room
 7. View Added (Special) Services
 8. Display Checked-In Rooms
 9. Save and Exit
Please enter your choice:
```

StageD (5) [Java Application] C:\User	rs\DELL\Desktop\Sof	twares\eclipse\plugi	ns\org.eclipse.justj.openjdk.h	notspot.jre.full.win32.x8	5_64_17.0.8.v20230831-1047\jre\bin	\javaw.exe(Jan 13, 2024, 9:52:32 Pł	м) [pid: 10200]	□ × 🛠 🗟 🚮 🗗 💆
101 Standa 102 Deluxe	rd single	Yes No	230.00 430.00 690.00	2 0	Standard Single Deluxe Double	Has basic amenities. Spacious and has batht Has spa and kitchenett	No ub. No	
Resort	by the Sea Queensland		- - -					
1. Add New Room 2. Display Accommodati 3. View Accommodation 4. Guest Check-In 5. Guest Check-Out 6. Add Special Room 7. View Added(Special) 8. Display Checked-In	Summary Services		 					
Please enter your choice *** CHECK-IN PROCEDURE * Enter Guest ID: G002 Guest with ID G002 has a	**	lin						
Resort	by the Sea Queensland		-					
1. Add New Room 2. Display Accommodati 3. View Accommodation 4. Guest Check-In 5. Guest Check-Out 6. Add Special Room 7. View Added(Special) 8. Display Checked-In	on Details Summary Services Rooms		- 					

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tageD (5) [Java Application] C:\Users\DELL\Desktop\Softwares\eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.8.v20230831-1047\jre\bin\javaw.exe (Jan 13, 2024, 9:55:56 PM) [pid: 15752]
                 Resort by the Sea
                Cairns, Queensland
 1. Add New Room
 2. Display Accommodation Details
 3. View Accommodation Summary
 4. Guest Check-In
 5. Guest Check-Out
 6. Add Special Room
 7. View Added(Special)Services
 8. Display Checked-In Rooms
 9. Save and Exit
Please enter your choice: 3
*** ACCOMMODATION SUMMARY ***
Number of rooms: 3
 Room Number | Category | Type | Checked-In | Cost per day
                                                                      | No of Days | Name
                                                                                                           | Description
                                                                                                                                                 | Special Services
               | Standard | single | No
                                                  | 230.00
                                                                                    | Standard Single
                                                                                                           | Has basic amenities.
 101
                                                                                                                                                 | No
 102
               | Deluxe | double | No
                                                  | 430.00
                                                                                    | Deluxe Double
                                                                                                           | Spacious and has bathtub.
                                                                                                                                                 | No
 103
               | Premium | triple | Yes
                                                  | 690.00
                                                                                    | Premium Triple
                                                                                                           | Has spa and kitchenette.
                                                                                                                                                 | No
                 Resort by the Sea
                Cairns, Queensland
 1. Add New Room
 2. Display Accommodation Details
 3. View Accommodation Summary
 4. Guest Check-In
 5. Guest Check-Out
 6. Add Special Room
 7. View Added (Special) Services
 8. Display Checked-In Rooms
 9. Save and Exit
Please enter your choice: 6
```

ageD (5) [Java Application] C:\Users\DELL\Desktop\Softwares\eclipse\plug	gins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.8.v20230831-1047\jre\bin\javaw.exe (Jan 13, 2024, 10:02:09 PM) [pid: 4136]
Resort by the Sea	
Cairns, Queensland	_ i
1. Add New Room 2. Display Accommodation Details	
3. View Accommodation Summary 4. Guest Check-In	
5. Guest Check-Out	
6. Add Special Room7. View Added (Special) Services	
8. Display Checked-In Rooms 9. Save and Exit	
Resort by the Sea Cairns, Queensland	
1. Add New Room	
 Display Accommodation Details View Accommodation Summary 	
4. Guest Check-In 5. Guest Check-Out	
6. Add Special Room7. View Added (Special) Services	
8. Display Checked-In Rooms 9. Save and Exit	
8. Display Checked-In Rooms 9. Save and Exit	

```
StageD (5) [Java Application] C:\Users\DELL\Desktop\Softwares\eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.8.v20230831-1047\jre\bin\javaw.exe (Jan 13, 2024, 10:08:07 PM) [pid: 9588]
*** ADD SPECIAL ROOM - only for WC bound***
Enter the number of accompanying guests: 1
Enter Room type (Double / Triple): triple
Enter Room Name: Special Triple
Enter Room Description: Wheel-Chair accessibility
Enter Ramp Width: 70
Enter Ramp Length: 80
Enter an Emergency Number: 0715555098
Special Triple Room (No. 105) has been successfully added to the system.
                 Resort by the Sea
                 Cairns, Queensland
 | 1. Add New Room
 | 2. Display Accommodation Details
 3. View Accommodation Summary
 | 4. Guest Check-In
| 5. Guest Check-Out
 | 6. Add Special Room
 | 7. View Added(Special)Services
| 8. Display Checked-In Rooms
| 9. Save and Exit
Please enter your choice: 4
*** CHECK-IN PROCEDURE ***
Enter Guest ID: G003
Enter Room Category (Standard / Deluxe / Premium): standard
Enter Room type (Single / Double / Triple): triple
Enter Number of Days: 2
Enter Room Number: 105
 ***** RESERVATION RECIEPT *****
Guest ID: G003
Room ID: 105
Days: 2
Cost per Day: 550.0
```

Total Charge: 1100.0

```
StageD (5) [Java Application] C:\Users\DELL\Desktop\Softwares\eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.8.v20230831-1047\jre\bin\javaw.exe (Jan 13, 2024, 10:08:07 PM) [pid: 9588]
Check-in successful!
Thank You for staying with us
***** Have a Nice Day ******
                 Resort by the Sea
                 Cairns, Queensland
 1. Add New Room
 2. Display Accommodation Details
 3. View Accommodation Summary
 4. Guest Check-In
 5. Guest Check-Out
 6. Add Special Room
 7. View Added(Special)Services
 8. Display Checked-In Rooms
| 9. Save and Exit
Please enter your choice: 3
*** ACCOMMODATION SUMMARY ***
Number of rooms: 5
 Room Number | Category | Type | Checked-In | Cost per day
                                                                      | No of Days | Name
                                                                                                            | Description
                                                                                                                                                  | Special Services
                                                                                     | Standard Single
                | Standard | single | No
                                                  | 230.00
                                                                                                           | Has basic amenities.
 101
                                                                                                                                                  No
                                                   1 430.00
 102
                | Deluxe | double | No
                                                                                     | Deluxe Double
                                                                                                           | Spacious and has bathtub.
                                                                                                                                                  l No
 103
               | Premium | triple | Yes
                                                 | 690.00
                                                                                   | Premium Triple
                                                                                                           | Has spa and kitchenette.
                                                                                                                                                  | No
 104
               | Standard | double | No
                                                  1 400.00
                                                                                    | Special Double
                                                                                                           | Wheel-Chair accessibility
                                                                                                                                                  | Yes
 105
                                                  | 550.00
                                                                       1 2
               | Standard | triple | Yes
                                                                                     | Special Triple
                                                                                                            | Wheel-Chair accessibility
                                                                                                                                                  | Yes
                 Resort by the Sea
                 Cairns, Queensland
 1. Add New Room
 | 2. Display Accommodation Details
 3. View Accommodation Summary
 4. Guest Check-In
 5. Guest Check-Out
```

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tageD (5) [Java Application] C:\Users\DELL\Desktop\Softwares\eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.8.v20230831-1047\jre\bin\javaw.exe (Jan 13, 2024, 10:08:07 PM) [pid: 9588]
| 6. Add Special Room
| 7. View Added (Special) Services
 8. Display Checked-In Rooms
 | 9. Save and Exit
Please enter your choice: 7
Enter Room Number: 104
                                                      60.000000 |
 Ramp Length:
                                                      50.000000 |
 Ramp Width:
 Emergency calling Number: |
                                                 07745002981 |
                  Resort by the Sea
                 Cairns, Queensland
 1. Add New Room
 2. Display Accommodation Details
 3. View Accommodation Summary
 4. Guest Check-In
 5. Guest Check-Out
 6. Add Special Room
 7. View Added(Special)Services
 8. Display Checked-In Rooms
 9. Save and Exit
Please enter your choice: 8
 Room Number | Availability | Income
               | Available
 101
 102
               | Available
 103
               | Checked-In
                               | $2070.00
 104
               | Available
 105
                               | $1100.00
               | Checked-In
Summary:
Total Checked-In Rooms: 2
Total Income from Checked-In Rooms: $3170.0
```

<terminated> StageD (5) [Java Application] C:\Users\DELL\Desktop\Software:</terminated>	s\eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.8.v20230831-1047\jre\bin\javaw.exe (Jan 13, 2024, 10:08:07 l
2. Display Accommodation Details	
3. View Accommodation Summary	1
4. Guest Check-In	
5. Guest Check-Out	!
6. Add Special Room	!
7. View Added(Special)Services 8. Display Checked-In Rooms	
9. Save and Exit	i e
	-
Please enter your choice: 8	
Room Number Availability Income	1
101	I and the second
102	!
103 Checked-In \$2070.00 104 Available -	!
104	
103 GHECKEU III \$1100.00	•
Summary:	
Total Checked-In Rooms: 2	
Total Income from Checked-In Rooms: \$3170.0	
	<u>-</u>
Resort by the Sea	1
Cairns, Queensland	I and the second
1. Add New Room	-
2. Display Accommodation Details	i
3. View Accommodation Summary	I and the second
4. Guest Check-In	
5. Guest Check-Out	
6. Add Special Room 7. View Added(Special)Services	
8. Display Checked-In Rooms	
9. Save and Exit	i
Please enter your choice: 9	
Thank you for using our reservation system. Exiting	the program

EXCEPTIONS

```
terminated > StageD (5) [Java Application] C:\Users\DELL\Desktop\Softwares\eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.8.v20230831-1047\jre\bin\javaw.exe (Jan 13, 2024, 10:59:34 PM – 10:59:59 PM) [pid: 22524]
Data loaded successfully.
Do you want to add new data? (yes / no): yes
                 Resort by the Sea
              Cairns, Queensland
 1. Add New Room
 2. Display Accommodation Details
 3. View Accommodation Summary
 4. Guest Check-In
 5. Guest Check-Out
 6. Add Special Room
 7. View Added(Special)Services
| 8. Display Checked-In Rooms
 9. Save and Exit
Please enter your choice: 1
*** ADD NEW ROOMS ***
Enter Room Category (Standard / Deluxe / Premium): standar
       at com.asg.StageD.main(StageD.java:96)
```

```
<terminated > StageD (5) [Java Application] C:\Users\DELL\Desktop\Softwares\eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.8.v20230831-1047\jre\bin\javaw.exe (Jan 13, 2024, 11:00:27 PM – 11:00:37
Data loaded successfully.
Do you want to add new data? (yes / no): yes
           Resort by the Sea
Cairns, Queensland
 1. Add New Room
| 2. Display Accommodation Details
| 3. View Accommodation Summary
| 4. Guest Check-In
| 5. Guest Check-Out
| 6. Add Special Room
| 7. View Added(Special)Services
| 8. Display Checked-In Rooms
| 9. Save and Exit
Please enter your choice: 1
*** ADD NEW ROOMS ***
Enter Room Category (Standard / Deluxe / Premium): standard
Enter Room type (Single / Double / Triple): sin
       at com.asg.StageD.main(StageD.java:103)
```

```
<terminated > StageD (5) [Java Application] C:\Users\DELL\Desktop\Softwares\eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.8.v20230831-1047\jre\bin\javaw.exe (Jan 13, 2024, 11:00:53 PM -
Data loaded successfully.
Do you want to add new data? (yes / no): yes
                   Resort by the Sea
               Cairns, Queensland
 1. Add New Room
 2. Display Accommodation Details
 3. View Accommodation Summary
 4. Guest Check-In
 5. Guest Check-Out
| 6. Add Special Room
| 7. View Added(Special)Services
 8. Display Checked-In Rooms
| 9. Save and Exit
Please enter your choice: 4
*** CHECK-IN PROCEDURE ***
Enter Guest ID: G004
Enter Room Category (Standard / Deluxe / Premium): standard
Enter Room type (Single / Double / Triple): triple
Enter Number of Days: 3
Enter Room Number: 105
Error during check-in: Room 105 is currently booked.

com.asg.AccommodationException: Room 105 is currently booked.

at com.asg.Room.checkinRoom(Room.java:103)
         at com.asg.StageD.main(StageD.java:246)
```

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<terminated > StageD (5) [Java Application] C:\Users\DELL\Desktop\Softwares\eclipse\plugins\org.eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.8.v20230831-1047\jre\bin\javaw.exe (Jan 13, 2024, 11:02:29 PM – 11:0
Data loaded successfully.
Do you want to add new data? (yes / no): yes
                Resort by the Sea
              Cairns, Queensland
 1. Add New Room
 | 2. Display Accommodation Details
 | 3. View Accommodation Summary
 4. Guest Check-In
 | 5. Guest Check-Out
| 6. Add Special Room
| 7. View Added(Special)Services
| 8. Display Checked-In Rooms
| 9. Save and Exit
Please enter your choice: 5
*** CHECK-OUT PROCEDURE ***
Enter Room Number: 101
```