Computer Programming II — Homework Assignment #9

Design an Object Oriented Evergreen Laurel Hotel Reservation System

Functions

1. Making Reservation:

① Error check the check-in-date and the check-out-date entered by user.

② Insert a new record into the binary file Reservations.dat.

③ Modify the records for the reservation dates in the binary file Available Rooms.dat.

④ Delete outdated records in the binary files Available Rooms.dat and Reservations.dat.

2. Reservation Inquiry: Display all reservations of a user.

The file record format of the file Reservations.dat is

char id[ 12 ]; // ID number

char name[ 12 ]; // Name

char mobile[ 12 ]; // Mobile phone number

int roomType; // 1: Superior Room 2: Deluxe Room 3: Deluxe Twin Room

// 4: Superior Suite 5: Deluxe Suite

int numRooms; // Number of reserved rooms

Date checkInDate; // Check in date

Date checkOutDate; // Check out date

and the file record format of the file Available Rooms.dat is

Date date;

int availRooms[ 6 ];

// availRooms[ 0 ]: Not used

// availRooms[ 1 ]: The number of available Superior rooms

// availRooms[ 2 ]: The number of available Deluxe rooms

// availRooms[ 3 ]: The number of available Deluxe Twin Rooms

// availRooms[ 4 ]: The number of available Superior Suites

// availRooms[ 5 ]: The number of available Deluxe Suites

where Date is a structure which has three fields as follows:

int year;

int month;

int day;

The screen dialog (Available Rooms 2025-5-5.dat):

|  |
| --- |
| Evergreen Laurel Hotel Online Reservation System  1 - Making Reservation  2 - Reservation Inquiry  3 - End  Enter your choice: (1~3): 2  Enter your ID number: 11  Sorry! You do not have reservations!  1 - Making Reservation  2 - Reservation Inquiry  3 - End  Enter your choice: (1~3): 1  Please Input Check In Date  Month：  1. 2025-05  2. 2025-06  3. 2025-07  4. 2025-08  5. 2025-09  6. 2025-10  ? 1  Day (5 ~ 31)：15  Please Input Check Out Date  Month：  1. 2025-05  2. 2025-06  3. 2025-07  4. 2025-08  5. 2025-09  6. 2025-10  ? 1  Day (16 ~ 31)：21  Check in date: 2025-05-15  Check out date: 2025-05-21  There are no rooms available!  1 - Making Reservation  2 - Reservation Inquiry  3 - End  Enter your choice: (1~3): 1  Please Input Check In Date  Month：  1. 2025-05  2. 2025-06  3. 2025-07  4. 2025-08  5. 2025-09  6. 2025-10  ? 1  Day (5 ~ 31)：6  Please Input Check Out Date  Month：  1. 2025-05  2. 2025-06  3. 2025-07  4. 2025-08  5. 2025-09  6. 2025-10  ? 1  Day (7 ~ 31)：9  Check in date: 2025-05-06  Check out date: 2025-05-09  The number of available rooms of each room type:  Date Superior Room Deluxe Room Deluxe Twin Room Superior Suite Deluxe Suite  2025-05-06 8 3 2 4 0  2025-05-07 5 2 3 2 4  2025-05-08 8 0 2 0 0  Select Room Type：  1. Superior Room  3. Deluxe Twin Room  6. Give up  ? 2  Select Room Type：  1. Superior Room  3. Deluxe Twin Room  6. Give up  ? 4  Select Room Type：  1. Superior Room  3. Deluxe Twin Room  6. Give up  ? 5  Select Room Type：  1. Superior Room  3. Deluxe Twin Room  6. Give up  ? 3  Number of rooms ( 2 rooms available ): 3  Number of rooms ( 2 rooms available ): 2  ID Number: 11  Name: 11  Mobile Phone: 11  Name Fare Mobile Room type Number of rooms Check in date Check out date  11 37620 11 Deluxe Twin Room 2 2025-05-06 2025-05-09  Reservation successfully!  1 - Making Reservation  2 - Reservation Inquiry  3 - End  Enter your choice: (1~3): 1  Please Input Check In Date  Month：  1. 2025-05  2. 2025-06  3. 2025-07  4. 2025-08  5. 2025-09  6. 2025-10  ? 6  Day (1 ~ 30)：31  Day (1 ~ 30)：30  Please Input Check Out Date  Month：  6. 2025-10  ? 6  Day (31 ~ 31)：31  Check in date: 2025-10-30  Check out date: 2025-10-31  The number of available rooms of each room type:  Date Superior Room Deluxe Room Deluxe Twin Room Superior Suite Deluxe Suite  2025-10-30 8 1 1 2 4  Select Room Type：  1. Superior Room  2. Deluxe Room  3. Deluxe Twin Room  4. Superior Suite  5. Deluxe Suite  6. Give up  ? 2  Number of rooms ( 1 rooms available ): 1  ID Number: 11  Name: 11  Mobile Phone: 11  Name Fare Mobile Room type Number of rooms Check in date Check out date  11 6270 11 Deluxe Room 1 2025-10-30 2025-10-31  Reservation successfully!  1 - Making Reservation  2 - Reservation Inquiry  3 - End  Enter your choice: (1~3): 2  Enter your ID number: 11  Name Fare Mobile Room type Number of rooms Check in date Check out date  11 37620 11 Deluxe Twin Room 2 2025-05-06 2025-05-09  11 6270 11 Deluxe Room 1 2025-10-30 2025-10-31  1 - Making Reservation  2 - Reservation Inquiry  3 - End  Enter your choice: (1~3): 3  Exiting the system... |

Reservations.dat

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 11 | 11 | 11 | 3 | 2 | 2025-5-6 | 2025-5-9 |
| 11 | 11 | 11 | 2 | 1 | 2025-10-30 | 2025-10-31 |

Available Rooms 2025-5-5.dat

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 2025/5/5 | 0 | 2 | 1 | 1 | 1 | 2 |
| 2025/5/6 | 0 | 8 | 3 | 2 | 4 | 0 |
| 2025/5/7 | 0 | 5 | 2 | 3 | 2 | 4 |
| 2025/5/8 | 0 | 8 | 0 | 2 | 0 | 0 |
| 2025/5/9 | 0 | 2 | 4 | 3 | 5 | 4 |
| 2025/5/10 | 0 | 3 | 0 | 3 | 2 | 2 |
| 2025/5/11 | 0 | 2 | 3 | 0 | 0 | 4 |
| 2025/5/12 | 0 | 6 | 5 | 0 | 1 | 2 |
| 2025/5/13 | 0 | 6 | 4 | 2 | 1 | 2 |
| 2025/5/14 | 0 | 3 | 3 | 3 | 1 | 4 |
| 2025/5/15 | 0 | 5 | 5 | 3 | 0 | 1 |
| 2025/5/16 | 0 | 2 | 0 | 3 | 3 | 2 |
| 2025/5/17 | 0 | 3 | 1 | 0 | 3 | 3 |
| 2025/5/18 | 0 | 2 | 1 | 1 | 4 | 0 |
| 2025/5/19 | 0 | 9 | 1 | 3 | 4 | 3 |
| 2025/5/20 | 0 | 0 | 4 | 0 | 3 | 2 |
| 2025/5/21 | 0 | 5 | 0 | 2 | 2 | 2 |
| 2025/5/22 | 0 | 7 | 3 | 2 | 0 | 1 |
| 2025/5/23 | 0 | 8 | 5 | 2 | 2 | 0 |
| 2025/5/24 | 0 | 9 | 2 | 0 | 4 | 1 |
| 2025/5/25 | 0 | 4 | 1 | 1 | 2 | 4 |
| 2025/5/26 | 0 | 7 | 3 | 3 | 4 | 0 |
| 2025/5/27 | 0 | 9 | 5 | 0 | 4 | 2 |
| 2025/5/28 | 0 | 3 | 2 | 0 | 4 | 2 |
| 2025/5/29 | 0 | 8 | 2 | 1 | 1 | 2 |
| 2025/5/30 | 0 | 4 | 0 | 2 | 3 | 0 |
| 2025/5/31 | 0 | 9 | 4 | 3 | 0 | 0 |
| 2025/6/1 | 0 | 1 | 2 | 3 | 0 | 0 |
| 2025/6/2 | 0 | 8 | 4 | 2 | 1 | 4 |
| 2025/6/3 | 0 | 7 | 2 | 2 | 5 | 3 |
| 2025/6/4 | 0 | 3 | 0 | 0 | 3 | 1 |
| 2025/6/5 | 0 | 7 | 0 | 1 | 1 | 3 |
| 2025/6/6 | 0 | 8 | 2 | 2 | 1 | 1 |
| 2025/6/7 | 0 | 4 | 0 | 1 | 2 | 0 |
| 2025/6/8 | 0 | 1 | 5 | 3 | 5 | 3 |
| 2025/6/9 | 0 | 0 | 3 | 2 | 5 | 3 |
| 2025/6/10 | 0 | 0 | 2 | 3 | 5 | 2 |
| 2025/6/11 | 0 | 5 | 3 | 3 | 4 | 4 |
| 2025/6/12 | 0 | 3 | 2 | 2 | 3 | 2 |
| 2025/6/13 | 0 | 2 | 2 | 2 | 1 | 4 |
| 2025/6/14 | 0 | 4 | 4 | 3 | 4 | 3 |
| 2025/6/15 | 0 | 2 | 3 | 1 | 4 | 3 |
| 2025/6/16 | 0 | 3 | 1 | 2 | 5 | 2 |
| 2025/6/17 | 0 | 1 | 1 | 3 | 2 | 3 |
| 2025/6/18 | 0 | 7 | 4 | 0 | 2 | 0 |
| 2025/6/19 | 0 | 9 | 0 | 3 | 1 | 3 |
| 2025/6/20 | 0 | 2 | 3 | 0 | 0 | 0 |
| 2025/6/21 | 0 | 9 | 2 | 1 | 0 | 1 |
| 2025/6/22 | 0 | 2 | 2 | 0 | 0 | 1 |
| 2025/6/23 | 0 | 4 | 0 | 2 | 4 | 0 |
| 2025/6/24 | 0 | 6 | 1 | 3 | 0 | 0 |
| 2025/6/25 | 0 | 5 | 4 | 0 | 3 | 3 |
| 2025/6/26 | 0 | 3 | 3 | 0 | 2 | 3 |
| 2025/6/27 | 0 | 1 | 5 | 0 | 3 | 1 |
| 2025/6/28 | 0 | 6 | 1 | 1 | 5 | 4 |
| 2025/6/29 | 0 | 1 | 3 | 0 | 1 | 3 |
| 2025/6/30 | 0 | 1 | 1 | 3 | 3 | 0 |
| 2025/7/1 | 0 | 9 | 0 | 1 | 1 | 3 |
| 2025/7/2 | 0 | 6 | 4 | 3 | 3 | 0 |
| 2025/7/3 | 0 | 3 | 1 | 0 | 0 | 3 |
| 2025/7/4 | 0 | 2 | 4 | 3 | 4 | 2 |
| 2025/7/5 | 0 | 0 | 2 | 3 | 1 | 0 |
| 2025/7/6 | 0 | 0 | 3 | 0 | 0 | 4 |
| 2025/7/7 | 0 | 7 | 0 | 0 | 5 | 4 |
| 2025/7/8 | 0 | 6 | 2 | 3 | 2 | 3 |
| 2025/7/9 | 0 | 6 | 0 | 0 | 4 | 3 |
| 2025/7/10 | 0 | 8 | 0 | 2 | 5 | 1 |
| 2025/7/11 | 0 | 9 | 0 | 1 | 5 | 2 |
| 2025/7/12 | 0 | 5 | 1 | 0 | 3 | 0 |
| 2025/7/13 | 0 | 0 | 0 | 0 | 2 | 3 |
| 2025/7/14 | 0 | 1 | 0 | 0 | 3 | 1 |
| 2025/7/15 | 0 | 1 | 3 | 1 | 5 | 1 |
| 2025/7/16 | 0 | 3 | 3 | 0 | 0 | 3 |
| 2025/7/17 | 0 | 2 | 4 | 0 | 3 | 0 |
| 2025/7/18 | 0 | 1 | 0 | 2 | 1 | 0 |
| 2025/7/19 | 0 | 8 | 1 | 0 | 5 | 2 |
| 2025/7/20 | 0 | 1 | 0 | 2 | 2 | 2 |
| 2025/7/21 | 0 | 4 | 3 | 1 | 2 | 3 |
| 2025/7/22 | 0 | 8 | 5 | 2 | 1 | 1 |
| 2025/7/23 | 0 | 9 | 1 | 0 | 3 | 4 |
| 2025/7/24 | 0 | 8 | 2 | 1 | 0 | 4 |
| 2025/7/25 | 0 | 5 | 3 | 2 | 1 | 0 |
| 2025/7/26 | 0 | 0 | 4 | 2 | 3 | 4 |
| 2025/7/27 | 0 | 2 | 1 | 0 | 0 | 3 |
| 2025/7/28 | 0 | 0 | 1 | 3 | 4 | 3 |
| 2025/7/29 | 0 | 5 | 3 | 3 | 3 | 1 |
| 2025/7/30 | 0 | 9 | 3 | 3 | 4 | 4 |
| 2025/7/31 | 0 | 5 | 5 | 0 | 2 | 2 |
| 2025/8/1 | 0 | 1 | 4 | 2 | 1 | 4 |
| 2025/8/2 | 0 | 5 | 4 | 3 | 3 | 0 |
| 2025/8/3 | 0 | 9 | 5 | 1 | 2 | 0 |
| 2025/8/4 | 0 | 3 | 3 | 3 | 1 | 1 |
| 2025/8/5 | 0 | 3 | 1 | 1 | 2 | 2 |
| 2025/8/6 | 0 | 2 | 2 | 3 | 4 | 1 |
| 2025/8/7 | 0 | 7 | 2 | 3 | 2 | 2 |
| 2025/8/8 | 0 | 1 | 0 | 1 | 0 | 0 |
| 2025/8/9 | 0 | 1 | 1 | 2 | 2 | 2 |
| 2025/8/10 | 0 | 4 | 4 | 0 | 5 | 2 |
| 2025/8/11 | 0 | 2 | 4 | 0 | 4 | 1 |
| 2025/8/12 | 0 | 0 | 4 | 3 | 5 | 1 |
| 2025/8/13 | 0 | 1 | 5 | 0 | 5 | 0 |
| 2025/8/14 | 0 | 2 | 2 | 2 | 5 | 0 |
| 2025/8/15 | 0 | 2 | 3 | 3 | 5 | 4 |
| 2025/8/16 | 0 | 6 | 5 | 0 | 3 | 1 |
| 2025/8/17 | 0 | 6 | 3 | 2 | 3 | 3 |
| 2025/8/18 | 0 | 0 | 2 | 3 | 1 | 0 |
| 2025/8/19 | 0 | 6 | 5 | 0 | 3 | 4 |
| 2025/8/20 | 0 | 2 | 2 | 2 | 4 | 4 |
| 2025/8/21 | 0 | 7 | 5 | 3 | 0 | 1 |
| 2025/8/22 | 0 | 9 | 4 | 2 | 5 | 1 |
| 2025/8/23 | 0 | 1 | 5 | 3 | 5 | 4 |
| 2025/8/24 | 0 | 9 | 5 | 1 | 0 | 2 |
| 2025/8/25 | 0 | 3 | 4 | 0 | 5 | 3 |
| 2025/8/26 | 0 | 8 | 1 | 3 | 0 | 3 |
| 2025/8/27 | 0 | 5 | 2 | 1 | 5 | 3 |
| 2025/8/28 | 0 | 3 | 5 | 2 | 1 | 3 |
| 2025/8/29 | 0 | 8 | 2 | 2 | 5 | 2 |
| 2025/8/30 | 0 | 9 | 3 | 3 | 4 | 2 |
| 2025/8/31 | 0 | 2 | 2 | 1 | 3 | 2 |
| 2025/9/1 | 0 | 3 | 1 | 0 | 4 | 3 |
| 2025/9/2 | 0 | 4 | 2 | 2 | 2 | 0 |
| 2025/9/3 | 0 | 9 | 5 | 0 | 0 | 1 |
| 2025/9/4 | 0 | 3 | 2 | 0 | 0 | 4 |
| 2025/9/5 | 0 | 1 | 2 | 2 | 3 | 1 |
| 2025/9/6 | 0 | 5 | 4 | 1 | 4 | 0 |
| 2025/9/7 | 0 | 8 | 3 | 3 | 3 | 2 |
| 2025/9/8 | 0 | 1 | 0 | 0 | 0 | 0 |
| 2025/9/9 | 0 | 1 | 1 | 0 | 5 | 3 |
| 2025/9/10 | 0 | 1 | 1 | 0 | 5 | 1 |
| 2025/9/11 | 0 | 8 | 4 | 1 | 0 | 4 |
| 2025/9/12 | 0 | 7 | 1 | 2 | 0 | 1 |
| 2025/9/13 | 0 | 9 | 3 | 0 | 1 | 1 |
| 2025/9/14 | 0 | 1 | 0 | 3 | 5 | 3 |
| 2025/9/15 | 0 | 6 | 5 | 2 | 1 | 2 |
| 2025/9/16 | 0 | 6 | 4 | 2 | 3 | 4 |
| 2025/9/17 | 0 | 3 | 4 | 3 | 4 | 1 |
| 2025/9/18 | 0 | 1 | 4 | 1 | 1 | 2 |
| 2025/9/19 | 0 | 1 | 5 | 0 | 1 | 2 |
| 2025/9/20 | 0 | 4 | 4 | 2 | 0 | 2 |
| 2025/9/21 | 0 | 8 | 3 | 1 | 1 | 4 |
| 2025/9/22 | 0 | 6 | 2 | 1 | 2 | 3 |
| 2025/9/23 | 0 | 7 | 3 | 3 | 4 | 4 |
| 2025/9/24 | 0 | 0 | 0 | 2 | 2 | 2 |
| 2025/9/25 | 0 | 3 | 5 | 0 | 3 | 4 |
| 2025/9/26 | 0 | 1 | 1 | 3 | 4 | 3 |
| 2025/9/27 | 0 | 1 | 5 | 1 | 3 | 2 |
| 2025/9/28 | 0 | 7 | 2 | 0 | 3 | 0 |
| 2025/9/29 | 0 | 9 | 0 | 0 | 0 | 1 |
| 2025/9/30 | 0 | 1 | 3 | 1 | 4 | 4 |
| 2025/10/1 | 0 | 8 | 5 | 1 | 3 | 1 |
| 2025/10/2 | 0 | 2 | 5 | 3 | 2 | 1 |
| 2025/10/3 | 0 | 2 | 1 | 0 | 5 | 1 |
| 2025/10/4 | 0 | 2 | 2 | 2 | 1 | 2 |
| 2025/10/5 | 0 | 0 | 0 | 3 | 5 | 3 |
| 2025/10/6 | 0 | 5 | 2 | 0 | 1 | 1 |
| 2025/10/7 | 0 | 0 | 2 | 3 | 4 | 2 |
| 2025/10/8 | 0 | 5 | 1 | 3 | 3 | 1 |
| 2025/10/9 | 0 | 0 | 4 | 3 | 3 | 4 |
| 2025/10/10 | 0 | 3 | 0 | 3 | 4 | 4 |
| 2025/10/11 | 0 | 9 | 0 | 2 | 5 | 3 |
| 2025/10/12 | 0 | 6 | 5 | 1 | 2 | 2 |
| 2025/10/13 | 0 | 4 | 0 | 2 | 1 | 4 |
| 2025/10/14 | 0 | 2 | 5 | 3 | 4 | 2 |
| 2025/10/15 | 0 | 1 | 3 | 0 | 5 | 3 |
| 2025/10/16 | 0 | 4 | 2 | 3 | 4 | 0 |
| 2025/10/17 | 0 | 0 | 4 | 0 | 2 | 1 |
| 2025/10/18 | 0 | 3 | 2 | 1 | 2 | 1 |
| 2025/10/19 | 0 | 5 | 4 | 2 | 0 | 3 |
| 2025/10/20 | 0 | 6 | 2 | 1 | 4 | 4 |
| 2025/10/21 | 0 | 7 | 4 | 3 | 3 | 0 |
| 2025/10/22 | 0 | 5 | 0 | 2 | 0 | 4 |
| 2025/10/23 | 0 | 3 | 3 | 1 | 1 | 2 |
| 2025/10/24 | 0 | 1 | 5 | 0 | 5 | 2 |
| 2025/10/25 | 0 | 0 | 3 | 3 | 3 | 4 |
| 2025/10/26 | 0 | 1 | 2 | 0 | 0 | 1 |
| 2025/10/27 | 0 | 0 | 4 | 1 | 4 | 1 |
| 2025/10/28 | 0 | 8 | 0 | 0 | 2 | 0 |
| 2025/10/29 | 0 | 9 | 4 | 0 | 5 | 2 |
| 2025/10/30 | 0 | 8 | 1 | 1 | 2 | 4 |
| 2025/10/31 | 0 | 3 | 2 | 1 | 1 | 0 |

The screen dialog (Available Rooms 2025-5-5.dat):

|  |
| --- |
| Evergreen Laurel Hotel Online Reservation System  1 - Making Reservation  2 - Reservation Inquiry  3 - End  Enter your choice: (1~3): 1  Please Input Check In Date  Month：  1. 2025-05  2. 2025-06  3. 2025-07  4. 2025-08  5. 2025-09  6. 2025-10  ? 1  Day (5 ~ 31)：6  Please Input Check Out Date  Month：  1. 2025-05  2. 2025-06  3. 2025-07  4. 2025-08  5. 2025-09  6. 2025-10  ? 1  Day (7 ~ 31)：9  Check in date: 2025-05-06  Check out date: 2025-05-09  The number of available rooms of each room type:  Date Superior Room Deluxe Room Deluxe Twin Room Superior Suite Deluxe Suite  2025-05-06 8 3 0 4 0  2025-05-07 5 2 1 2 4  2025-05-08 8 0 0 0 0  Select Room Type：  1. Superior Room  6. Give up  ? 6  1 - Making Reservation  2 - Reservation Inquiry  3 - End  Enter your choice: (1~3): 3  Exiting the system... |

The screen dialog (Available Rooms 2025-5-5.dat):

|  |
| --- |
| Evergreen Laurel Hotel Online Reservation System  1 - Making Reservation  2 - Reservation Inquiry  3 - End  Enter your choice: (1~3): 1  Please Input Check In Date  Month：  1. 2025-05  2. 2025-06  3. 2025-07  4. 2025-08  5. 2025-09  6. 2025-10  ? 0  Please Input Check In Date  Month：  1. 2025-05  2. 2025-06  3. 2025-07  4. 2025-08  5. 2025-09  6. 2025-10  ? 7  Please Input Check In Date  Month：  1. 2025-05  2. 2025-06  3. 2025-07  4. 2025-08  5. 2025-09  6. 2025-10  ? 1  Day (5 ~ 31)：4  Day (5 ~ 31)：32  Day (5 ~ 31)：5  Please Input Check Out Date  Month：  1. 2025-05  2. 2025-06  3. 2025-07  4. 2025-08  5. 2025-09  6. 2025-10  ? 1  Day (6 ~ 31)：5  Day (6 ~ 31)：32  Day (6 ~ 31)：7  Check in date: 2025-05-05  Check out date: 2025-05-07  The number of available rooms of each room type:  Date Superior Room Deluxe Room Deluxe Twin Room Superior Suite Deluxe Suite  2025-05-05 2 1 1 1 2  2025-05-06 8 3 2 4 0  Select Room Type：  1. Superior Room  2. Deluxe Room  3. Deluxe Twin Room  4. Superior Suite  6. Give up  ? 0  Select Room Type：  1. Superior Room  2. Deluxe Room  3. Deluxe Twin Room  4. Superior Suite  6. Give up  ? 7  Select Room Type：  1. Superior Room  2. Deluxe Room  3. Deluxe Twin Room  4. Superior Suite  6. Give up  ? 6  1 - Making Reservation  2 - Reservation Inquiry  3 - End  Enter your choice: (1~3): 3  Exiting the system... |

The screen dialog (Available Rooms 2025-2-4.dat):

|  |
| --- |
| Evergreen Laurel Hotel Online Reservation System  1 - Making Reservation  2 - Reservation Inquiry  3 - End  Enter your choice: (1~3): 1  Please Input Check In Date  Month：  1. 2025-05  2. 2025-06  3. 2025-07  4. 2025-08  5. 2025-09  6. 2025-10  ? 4  Day (1 ~ 31)：1  Please Input Check Out Date  Month：  4. 2025-08  5. 2025-09  6. 2025-10  ? 4  Day (2 ~ 31)：5  Check in date: 2025-08-01  Check out date: 2025-08-05  The number of available rooms of each room type:  Date Superior Room Deluxe Room Deluxe Twin Room Superior Suite Deluxe Suite  2025-08-01 9 5 3 5 4  2025-08-02 9 5 3 5 4  2025-08-03 9 5 3 5 4  2025-08-04 9 5 3 5 4  Select Room Type：  1. Superior Room  2. Deluxe Room  3. Deluxe Twin Room  4. Superior Suite  5. Deluxe Suite  6. Give up  ? 1  Number of rooms ( 9 rooms available ): 2  ID Number: 11  Name: 11  Mobile Phone: 11  Name Fare Mobile Room type Number of rooms Check in date Check out date  11 43120 11 Superior Room 2 2025-08-01 2025-08-05  Reservation successfully!  1 - Making Reservation  2 - Reservation Inquiry  3 - End  Enter your choice: (1~3): 1  Please Input Check In Date  Month：  1. 2025-05  2. 2025-06  3. 2025-07  4. 2025-08  5. 2025-09  6. 2025-10  ? 4  Day (1 ~ 31)：1  Please Input Check Out Date  Month：  4. 2025-08  5. 2025-09  6. 2025-10  ? 4  Day (2 ~ 31)：7  Check in date: 2025-08-01  Check out date: 2025-08-07  The number of available rooms of each room type:  Date Superior Room Deluxe Room Deluxe Twin Room Superior Suite Deluxe Suite  2025-08-01 7 5 3 5 4  2025-08-02 7 5 3 5 4  2025-08-03 7 5 3 5 4  2025-08-04 7 5 3 5 4  2025-08-05 9 5 3 5 4  2025-08-06 9 5 3 5 4  Select Room Type：  1. Superior Room  2. Deluxe Room  3. Deluxe Twin Room  4. Superior Suite  5. Deluxe Suite  6. Give up  ? 2  Number of rooms ( 5 rooms available ): 1  ID Number: 22  Name: 22  Mobile Phone: 22  Name Fare Mobile Room type Number of rooms Check in date Check out date  22 37620 22 Deluxe Room 1 2025-08-01 2025-08-07  Reservation successfully!  1 - Making Reservation  2 - Reservation Inquiry  3 - End  Enter your choice: (1~3): 3  Exiting the system... |

Available Rooms 2025-2-4.dat

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 2025/2/4 | 0 | 7 | 3 | 1 | 2 | 1 |
| 2025/2/5 | 0 | 0 | 3 | 0 | 5 | 4 |
| 2025/2/6 | 0 | 2 | 4 | 3 | 2 | 4 |
| 2025/2/7 | 0 | 7 | 1 | 2 | 5 | 1 |
| 2025/2/8 | 0 | 4 | 3 | 1 | 2 | 1 |
| 2025/2/9 | 0 | 9 | 3 | 2 | 4 | 1 |
| 2025/2/10 | 0 | 3 | 3 | 2 | 0 | 1 |
| 2025/2/11 | 0 | 6 | 1 | 2 | 5 | 3 |
| 2025/2/12 | 0 | 9 | 5 | 0 | 5 | 2 |
| 2025/2/13 | 0 | 4 | 0 | 3 | 5 | 2 |
| 2025/2/14 | 0 | 7 | 5 | 1 | 2 | 0 |
| 2025/2/15 | 0 | 5 | 5 | 0 | 4 | 3 |
| 2025/2/16 | 0 | 8 | 3 | 1 | 5 | 3 |
| 2025/2/17 | 0 | 0 | 1 | 3 | 1 | 4 |
| 2025/2/18 | 0 | 7 | 5 | 1 | 3 | 1 |
| 2025/2/19 | 0 | 7 | 3 | 3 | 5 | 4 |
| 2025/2/20 | 0 | 9 | 0 | 0 | 3 | 3 |
| 2025/2/21 | 0 | 1 | 2 | 3 | 5 | 0 |
| 2025/2/22 | 0 | 0 | 4 | 2 | 3 | 2 |
| 2025/2/23 | 0 | 7 | 2 | 3 | 0 | 2 |
| 2025/2/24 | 0 | 3 | 5 | 0 | 2 | 2 |
| 2025/2/25 | 0 | 2 | 2 | 1 | 4 | 4 |
| 2025/2/26 | 0 | 2 | 0 | 1 | 4 | 2 |
| 2025/2/27 | 0 | 0 | 1 | 1 | 5 | 3 |
| 2025/2/28 | 0 | 2 | 0 | 1 | 3 | 0 |
| 2025/3/1 | 0 | 0 | 3 | 2 | 1 | 4 |
| 2025/3/2 | 0 | 2 | 2 | 2 | 1 | 4 |
| 2025/3/3 | 0 | 8 | 3 | 3 | 2 | 3 |
| 2025/3/4 | 0 | 1 | 2 | 0 | 3 | 0 |
| 2025/3/5 | 0 | 9 | 0 | 3 | 3 | 3 |
| 2025/3/6 | 0 | 1 | 5 | 0 | 2 | 2 |
| 2025/3/7 | 0 | 1 | 5 | 2 | 3 | 2 |
| 2025/3/8 | 0 | 7 | 3 | 3 | 3 | 0 |
| 2025/3/9 | 0 | 3 | 5 | 3 | 2 | 1 |
| 2025/3/10 | 0 | 5 | 3 | 2 | 0 | 1 |
| 2025/3/11 | 0 | 7 | 3 | 2 | 1 | 3 |
| 2025/3/12 | 0 | 0 | 4 | 0 | 3 | 1 |
| 2025/3/13 | 0 | 2 | 4 | 2 | 3 | 2 |
| 2025/3/14 | 0 | 6 | 2 | 3 | 5 | 2 |
| 2025/3/15 | 0 | 7 | 2 | 2 | 0 | 3 |
| 2025/3/16 | 0 | 1 | 0 | 0 | 1 | 1 |
| 2025/3/17 | 0 | 8 | 5 | 1 | 2 | 4 |
| 2025/3/18 | 0 | 2 | 4 | 2 | 1 | 4 |
| 2025/3/19 | 0 | 9 | 3 | 0 | 0 | 2 |
| 2025/3/20 | 0 | 4 | 5 | 1 | 4 | 3 |
| 2025/3/21 | 0 | 8 | 0 | 1 | 4 | 4 |
| 2025/3/22 | 0 | 5 | 3 | 1 | 1 | 4 |
| 2025/3/23 | 0 | 4 | 4 | 3 | 0 | 3 |
| 2025/3/24 | 0 | 7 | 5 | 0 | 3 | 3 |
| 2025/3/25 | 0 | 7 | 0 | 2 | 5 | 1 |
| 2025/3/26 | 0 | 1 | 0 | 2 | 3 | 3 |
| 2025/3/27 | 0 | 8 | 0 | 1 | 5 | 0 |
| 2025/3/28 | 0 | 7 | 5 | 0 | 3 | 2 |
| 2025/3/29 | 0 | 2 | 2 | 2 | 5 | 0 |
| 2025/3/30 | 0 | 7 | 0 | 1 | 0 | 1 |
| 2025/3/31 | 0 | 0 | 3 | 2 | 3 | 4 |
| 2025/4/1 | 0 | 7 | 1 | 0 | 5 | 0 |
| 2025/4/2 | 0 | 5 | 5 | 1 | 5 | 2 |
| 2025/4/3 | 0 | 7 | 0 | 0 | 1 | 1 |
| 2025/4/4 | 0 | 2 | 1 | 1 | 2 | 2 |
| 2025/4/5 | 0 | 5 | 1 | 2 | 2 | 2 |
| 2025/4/6 | 0 | 2 | 1 | 3 | 5 | 0 |
| 2025/4/7 | 0 | 3 | 0 | 0 | 0 | 4 |
| 2025/4/8 | 0 | 5 | 4 | 1 | 4 | 0 |
| 2025/4/9 | 0 | 1 | 5 | 0 | 3 | 1 |
| 2025/4/10 | 0 | 6 | 5 | 3 | 0 | 1 |
| 2025/4/11 | 0 | 3 | 2 | 1 | 1 | 2 |
| 2025/4/12 | 0 | 7 | 0 | 3 | 0 | 2 |
| 2025/4/13 | 0 | 8 | 0 | 2 | 4 | 4 |
| 2025/4/14 | 0 | 2 | 4 | 2 | 0 | 1 |
| 2025/4/15 | 0 | 7 | 5 | 0 | 4 | 2 |
| 2025/4/16 | 0 | 6 | 1 | 3 | 1 | 4 |
| 2025/4/17 | 0 | 3 | 1 | 1 | 3 | 3 |
| 2025/4/18 | 0 | 9 | 5 | 0 | 5 | 4 |
| 2025/4/19 | 0 | 6 | 1 | 3 | 3 | 4 |
| 2025/4/20 | 0 | 9 | 2 | 3 | 5 | 0 |
| 2025/4/21 | 0 | 4 | 3 | 3 | 4 | 3 |
| 2025/4/22 | 0 | 5 | 1 | 1 | 1 | 0 |
| 2025/4/23 | 0 | 5 | 0 | 2 | 2 | 2 |
| 2025/4/24 | 0 | 2 | 4 | 3 | 1 | 2 |
| 2025/4/25 | 0 | 4 | 0 | 3 | 3 | 0 |
| 2025/4/26 | 0 | 3 | 0 | 3 | 5 | 1 |
| 2025/4/27 | 0 | 3 | 0 | 1 | 1 | 3 |
| 2025/4/28 | 0 | 4 | 1 | 2 | 4 | 0 |
| 2025/4/29 | 0 | 7 | 3 | 3 | 3 | 2 |
| 2025/4/30 | 0 | 8 | 5 | 2 | 5 | 1 |
| 2025/5/1 | 0 | 5 | 0 | 1 | 0 | 4 |
| 2025/5/2 | 0 | 2 | 1 | 1 | 1 | 4 |
| 2025/5/3 | 0 | 7 | 2 | 0 | 2 | 3 |
| 2025/5/4 | 0 | 1 | 3 | 1 | 1 | 1 |
| 2025/5/5 | 0 | 0 | 1 | 2 | 0 | 0 |
| 2025/5/6 | 0 | 6 | 4 | 2 | 5 | 0 |
| 2025/5/7 | 0 | 2 | 2 | 1 | 5 | 0 |
| 2025/5/8 | 0 | 4 | 4 | 0 | 4 | 4 |
| 2025/5/9 | 0 | 8 | 0 | 1 | 5 | 2 |
| 2025/5/10 | 0 | 5 | 0 | 0 | 1 | 1 |
| 2025/5/11 | 0 | 6 | 1 | 3 | 0 | 3 |
| 2025/5/12 | 0 | 3 | 2 | 2 | 4 | 3 |
| 2025/5/13 | 0 | 6 | 2 | 2 | 0 | 0 |
| 2025/5/14 | 0 | 4 | 3 | 0 | 3 | 3 |
| 2025/5/15 | 0 | 4 | 1 | 0 | 3 | 2 |
| 2025/5/16 | 0 | 6 | 4 | 1 | 5 | 4 |
| 2025/5/17 | 0 | 0 | 4 | 1 | 2 | 3 |
| 2025/5/18 | 0 | 1 | 1 | 2 | 4 | 1 |
| 2025/5/19 | 0 | 0 | 5 | 2 | 1 | 2 |
| 2025/5/20 | 0 | 2 | 0 | 2 | 5 | 1 |
| 2025/5/21 | 0 | 8 | 2 | 2 | 3 | 4 |
| 2025/5/22 | 0 | 3 | 2 | 0 | 5 | 4 |
| 2025/5/23 | 0 | 3 | 0 | 2 | 4 | 2 |
| 2025/5/24 | 0 | 6 | 4 | 2 | 4 | 3 |
| 2025/5/25 | 0 | 5 | 4 | 1 | 5 | 1 |
| 2025/5/26 | 0 | 6 | 0 | 3 | 0 | 4 |
| 2025/5/27 | 0 | 8 | 4 | 1 | 5 | 2 |
| 2025/5/28 | 0 | 3 | 4 | 2 | 5 | 4 |
| 2025/5/29 | 0 | 3 | 0 | 2 | 5 | 4 |
| 2025/5/30 | 0 | 9 | 1 | 1 | 3 | 3 |
| 2025/5/31 | 0 | 2 | 2 | 2 | 4 | 0 |
| 2025/6/1 | 0 | 0 | 0 | 2 | 4 | 0 |
| 2025/6/2 | 0 | 1 | 0 | 1 | 1 | 1 |
| 2025/6/3 | 0 | 0 | 0 | 2 | 0 | 4 |
| 2025/6/4 | 0 | 4 | 5 | 0 | 2 | 0 |
| 2025/6/5 | 0 | 5 | 4 | 1 | 1 | 2 |
| 2025/6/6 | 0 | 8 | 5 | 2 | 5 | 1 |
| 2025/6/7 | 0 | 6 | 2 | 2 | 0 | 2 |
| 2025/6/8 | 0 | 4 | 2 | 2 | 2 | 1 |
| 2025/6/9 | 0 | 8 | 5 | 3 | 4 | 0 |
| 2025/6/10 | 0 | 8 | 5 | 0 | 4 | 4 |
| 2025/6/11 | 0 | 7 | 3 | 2 | 3 | 1 |
| 2025/6/12 | 0 | 3 | 0 | 1 | 5 | 3 |
| 2025/6/13 | 0 | 1 | 3 | 3 | 0 | 3 |
| 2025/6/14 | 0 | 5 | 5 | 2 | 0 | 1 |
| 2025/6/15 | 0 | 0 | 2 | 2 | 3 | 2 |
| 2025/6/16 | 0 | 1 | 4 | 1 | 1 | 3 |
| 2025/6/17 | 0 | 5 | 0 | 2 | 2 | 0 |
| 2025/6/18 | 0 | 2 | 5 | 2 | 0 | 0 |
| 2025/6/19 | 0 | 1 | 3 | 2 | 5 | 3 |
| 2025/6/20 | 0 | 6 | 2 | 3 | 4 | 1 |
| 2025/6/21 | 0 | 3 | 3 | 1 | 4 | 2 |
| 2025/6/22 | 0 | 1 | 0 | 1 | 3 | 0 |
| 2025/6/23 | 0 | 1 | 4 | 1 | 4 | 0 |
| 2025/6/24 | 0 | 5 | 3 | 2 | 2 | 4 |
| 2025/6/25 | 0 | 5 | 5 | 0 | 3 | 4 |
| 2025/6/26 | 0 | 7 | 1 | 2 | 3 | 3 |
| 2025/6/27 | 0 | 0 | 5 | 2 | 3 | 1 |
| 2025/6/28 | 0 | 4 | 0 | 0 | 3 | 1 |
| 2025/6/29 | 0 | 1 | 1 | 3 | 1 | 3 |
| 2025/6/30 | 0 | 6 | 3 | 3 | 0 | 4 |
| 2025/7/1 | 0 | 4 | 4 | 0 | 1 | 2 |
| 2025/7/2 | 0 | 6 | 5 | 3 | 3 | 4 |
| 2025/7/3 | 0 | 5 | 4 | 0 | 4 | 0 |
| 2025/7/4 | 0 | 6 | 0 | 1 | 1 | 4 |
| 2025/7/5 | 0 | 4 | 5 | 0 | 0 | 1 |
| 2025/7/6 | 0 | 4 | 5 | 1 | 3 | 3 |
| 2025/7/7 | 0 | 3 | 4 | 0 | 4 | 4 |
| 2025/7/8 | 0 | 5 | 5 | 2 | 3 | 0 |
| 2025/7/9 | 0 | 0 | 4 | 1 | 0 | 0 |
| 2025/7/10 | 0 | 8 | 5 | 0 | 5 | 1 |
| 2025/7/11 | 0 | 7 | 1 | 2 | 4 | 4 |
| 2025/7/12 | 0 | 9 | 1 | 1 | 2 | 4 |
| 2025/7/13 | 0 | 6 | 3 | 3 | 4 | 1 |
| 2025/7/14 | 0 | 2 | 0 | 1 | 2 | 4 |
| 2025/7/15 | 0 | 6 | 3 | 2 | 1 | 2 |
| 2025/7/16 | 0 | 5 | 5 | 1 | 4 | 0 |
| 2025/7/17 | 0 | 2 | 3 | 0 | 3 | 1 |
| 2025/7/18 | 0 | 0 | 3 | 1 | 2 | 4 |
| 2025/7/19 | 0 | 8 | 1 | 3 | 2 | 4 |
| 2025/7/20 | 0 | 6 | 1 | 2 | 3 | 4 |
| 2025/7/21 | 0 | 0 | 5 | 0 | 4 | 3 |
| 2025/7/22 | 0 | 1 | 0 | 1 | 1 | 0 |
| 2025/7/23 | 0 | 1 | 5 | 0 | 2 | 1 |
| 2025/7/24 | 0 | 1 | 5 | 0 | 4 | 0 |
| 2025/7/25 | 0 | 0 | 2 | 3 | 2 | 3 |
| 2025/7/26 | 0 | 4 | 1 | 3 | 5 | 2 |
| 2025/7/27 | 0 | 4 | 1 | 2 | 3 | 0 |
| 2025/7/28 | 0 | 1 | 1 | 1 | 5 | 2 |
| 2025/7/29 | 0 | 7 | 5 | 0 | 0 | 0 |
| 2025/7/30 | 0 | 6 | 3 | 2 | 0 | 2 |
| 2025/7/31 | 0 | 9 | 0 | 2 | 4 | 4 |

The screen dialog (Available Rooms 2024-11-6.dat):

|  |
| --- |
| Evergreen Laurel Hotel Online Reservation System  1 - Making Reservation  2 - Reservation Inquiry  3 - End  Enter your choice: (1~3): 1  Please Input Check In Date  Month：  1. 2025-05  2. 2025-06  3. 2025-07  4. 2025-08  5. 2025-09  6. 2025-10  ? 1  Day (5 ~ 31)：5  Please Input Check Out Date  Month：  1. 2025-05  2. 2025-06  3. 2025-07  4. 2025-08  5. 2025-09  6. 2025-10  ? 1  Day (6 ~ 31)：7  Check in date: 2025-05-05  Check out date: 2025-05-07  The number of available rooms of each room type:  Date Superior Room Deluxe Room Deluxe Twin Room Superior Suite Deluxe Suite  2025-05-05 9 5 3 5 4  2025-05-06 9 5 3 5 4  Select Room Type：  1. Superior Room  2. Deluxe Room  3. Deluxe Twin Room  4. Superior Suite  5. Deluxe Suite  6. Give up  ? 5  Number of rooms ( 4 rooms available ): 2  ID Number: 11  Name: 11  Mobile Phone: 11  Name Fare Mobile Room type Number of rooms Check in date Check out date  11 33880 11 Deluxe Suite 2 2025-05-05 2025-05-07  Reservation successfully!  1 - Making Reservation  2 - Reservation Inquiry  3 - End  Enter your choice: (1~3): 3  Exiting the system...  請按任意鍵繼續 . . . |

Available Rooms 2024-11-6.dat

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 2024/11/6 | 0 | 0 | 3 | 1 | 3 | 2 |
| 2024/11/7 | 0 | 7 | 2 | 3 | 2 | 3 |
| 2024/11/8 | 0 | 8 | 2 | 1 | 4 | 2 |
| 2024/11/9 | 0 | 7 | 3 | 3 | 2 | 0 |
| 2024/11/10 | 0 | 4 | 3 | 1 | 5 | 0 |
| 2024/11/11 | 0 | 4 | 0 | 0 | 0 | 2 |
| 2024/11/12 | 0 | 3 | 3 | 1 | 5 | 0 |
| 2024/11/13 | 0 | 8 | 1 | 0 | 1 | 3 |
| 2024/11/14 | 0 | 1 | 2 | 0 | 2 | 4 |
| 2024/11/15 | 0 | 4 | 5 | 1 | 1 | 3 |
| 2024/11/16 | 0 | 8 | 4 | 1 | 5 | 1 |
| 2024/11/17 | 0 | 0 | 2 | 1 | 1 | 4 |
| 2024/11/18 | 0 | 8 | 0 | 2 | 0 | 3 |
| 2024/11/19 | 0 | 8 | 5 | 0 | 1 | 3 |
| 2024/11/20 | 0 | 3 | 3 | 2 | 1 | 0 |
| 2024/11/21 | 0 | 0 | 0 | 1 | 3 | 0 |
| 2024/11/22 | 0 | 0 | 0 | 1 | 5 | 3 |
| 2024/11/23 | 0 | 2 | 0 | 0 | 3 | 0 |
| 2024/11/24 | 0 | 8 | 5 | 0 | 4 | 4 |
| 2024/11/25 | 0 | 3 | 2 | 3 | 4 | 1 |
| 2024/11/26 | 0 | 4 | 3 | 3 | 0 | 1 |
| 2024/11/27 | 0 | 3 | 2 | 0 | 1 | 4 |
| 2024/11/28 | 0 | 5 | 1 | 2 | 4 | 3 |
| 2024/11/29 | 0 | 3 | 4 | 1 | 0 | 1 |
| 2024/11/30 | 0 | 1 | 5 | 0 | 0 | 3 |
| 2024/12/1 | 0 | 6 | 3 | 1 | 3 | 1 |
| 2024/12/2 | 0 | 0 | 5 | 1 | 2 | 3 |
| 2024/12/3 | 0 | 3 | 1 | 1 | 0 | 1 |
| 2024/12/4 | 0 | 3 | 5 | 0 | 5 | 4 |
| 2024/12/5 | 0 | 2 | 0 | 1 | 0 | 0 |
| 2024/12/6 | 0 | 5 | 5 | 2 | 0 | 0 |
| 2024/12/7 | 0 | 8 | 4 | 3 | 2 | 3 |
| 2024/12/8 | 0 | 6 | 3 | 0 | 0 | 2 |
| 2024/12/9 | 0 | 8 | 1 | 2 | 1 | 4 |
| 2024/12/10 | 0 | 7 | 4 | 0 | 0 | 2 |
| 2024/12/11 | 0 | 6 | 4 | 2 | 0 | 4 |
| 2024/12/12 | 0 | 7 | 3 | 1 | 5 | 1 |
| 2024/12/13 | 0 | 6 | 1 | 2 | 0 | 2 |
| 2024/12/14 | 0 | 0 | 2 | 3 | 2 | 3 |
| 2024/12/15 | 0 | 6 | 1 | 1 | 0 | 4 |
| 2024/12/16 | 0 | 0 | 1 | 2 | 4 | 2 |
| 2024/12/17 | 0 | 0 | 2 | 0 | 4 | 0 |
| 2024/12/18 | 0 | 3 | 5 | 3 | 3 | 1 |
| 2024/12/19 | 0 | 7 | 3 | 3 | 0 | 3 |
| 2024/12/20 | 0 | 4 | 3 | 3 | 2 | 4 |
| 2024/12/21 | 0 | 2 | 2 | 3 | 1 | 0 |
| 2024/12/22 | 0 | 6 | 4 | 0 | 3 | 2 |
| 2024/12/23 | 0 | 6 | 3 | 1 | 0 | 4 |
| 2024/12/24 | 0 | 9 | 1 | 2 | 2 | 4 |
| 2024/12/25 | 0 | 8 | 0 | 2 | 1 | 3 |
| 2024/12/26 | 0 | 8 | 0 | 2 | 2 | 1 |
| 2024/12/27 | 0 | 9 | 0 | 0 | 5 | 0 |
| 2024/12/28 | 0 | 9 | 1 | 2 | 5 | 4 |
| 2024/12/29 | 0 | 0 | 0 | 0 | 0 | 3 |
| 2024/12/30 | 0 | 3 | 4 | 3 | 0 | 4 |
| 2024/12/31 | 0 | 7 | 4 | 0 | 3 | 2 |
| 2025/1/1 | 0 | 9 | 0 | 0 | 5 | 3 |
| 2025/1/2 | 0 | 0 | 5 | 3 | 1 | 1 |
| 2025/1/3 | 0 | 4 | 4 | 3 | 0 | 4 |
| 2025/1/4 | 0 | 0 | 1 | 0 | 4 | 4 |
| 2025/1/5 | 0 | 3 | 3 | 0 | 2 | 4 |
| 2025/1/6 | 0 | 9 | 1 | 3 | 4 | 2 |
| 2025/1/7 | 0 | 0 | 4 | 0 | 3 | 2 |
| 2025/1/8 | 0 | 5 | 3 | 1 | 5 | 3 |
| 2025/1/9 | 0 | 1 | 0 | 1 | 2 | 0 |
| 2025/1/10 | 0 | 4 | 4 | 0 | 5 | 0 |
| 2025/1/11 | 0 | 4 | 1 | 3 | 1 | 0 |
| 2025/1/12 | 0 | 3 | 0 | 0 | 1 | 0 |
| 2025/1/13 | 0 | 6 | 2 | 0 | 3 | 2 |
| 2025/1/14 | 0 | 6 | 1 | 1 | 0 | 3 |
| 2025/1/15 | 0 | 4 | 4 | 3 | 0 | 4 |
| 2025/1/16 | 0 | 2 | 2 | 2 | 0 | 0 |
| 2025/1/17 | 0 | 7 | 3 | 3 | 0 | 1 |
| 2025/1/18 | 0 | 7 | 0 | 0 | 5 | 3 |
| 2025/1/19 | 0 | 7 | 3 | 3 | 4 | 4 |
| 2025/1/20 | 0 | 5 | 4 | 3 | 5 | 2 |
| 2025/1/21 | 0 | 2 | 0 | 1 | 0 | 4 |
| 2025/1/22 | 0 | 1 | 4 | 1 | 1 | 2 |
| 2025/1/23 | 0 | 2 | 1 | 1 | 0 | 0 |
| 2025/1/24 | 0 | 3 | 5 | 0 | 0 | 1 |
| 2025/1/25 | 0 | 4 | 1 | 1 | 2 | 1 |
| 2025/1/26 | 0 | 9 | 2 | 3 | 4 | 4 |
| 2025/1/27 | 0 | 9 | 5 | 1 | 1 | 1 |
| 2025/1/28 | 0 | 4 | 0 | 1 | 5 | 2 |
| 2025/1/29 | 0 | 9 | 0 | 3 | 3 | 1 |
| 2025/1/30 | 0 | 7 | 5 | 3 | 3 | 2 |
| 2025/1/31 | 0 | 5 | 1 | 2 | 5 | 2 |
| 2025/2/1 | 0 | 5 | 0 | 2 | 5 | 3 |
| 2025/2/2 | 0 | 4 | 0 | 1 | 0 | 0 |
| 2025/2/3 | 0 | 5 | 3 | 2 | 4 | 0 |
| 2025/2/4 | 0 | 6 | 1 | 0 | 2 | 2 |
| 2025/2/5 | 0 | 4 | 1 | 3 | 0 | 0 |
| 2025/2/6 | 0 | 5 | 2 | 2 | 1 | 0 |
| 2025/2/7 | 0 | 7 | 3 | 2 | 0 | 0 |
| 2025/2/8 | 0 | 0 | 1 | 2 | 0 | 3 |
| 2025/2/9 | 0 | 7 | 4 | 2 | 4 | 0 |
| 2025/2/10 | 0 | 8 | 5 | 3 | 0 | 0 |
| 2025/2/11 | 0 | 6 | 1 | 1 | 5 | 0 |
| 2025/2/12 | 0 | 6 | 5 | 3 | 2 | 4 |
| 2025/2/13 | 0 | 5 | 2 | 1 | 4 | 3 |
| 2025/2/14 | 0 | 6 | 2 | 3 | 3 | 2 |
| 2025/2/15 | 0 | 6 | 1 | 3 | 0 | 3 |
| 2025/2/16 | 0 | 5 | 4 | 0 | 2 | 4 |
| 2025/2/17 | 0 | 0 | 0 | 0 | 3 | 3 |
| 2025/2/18 | 0 | 9 | 1 | 1 | 2 | 2 |
| 2025/2/19 | 0 | 6 | 2 | 0 | 1 | 0 |
| 2025/2/20 | 0 | 9 | 4 | 3 | 5 | 2 |
| 2025/2/21 | 0 | 2 | 5 | 0 | 4 | 3 |
| 2025/2/22 | 0 | 7 | 1 | 0 | 1 | 3 |
| 2025/2/23 | 0 | 6 | 2 | 0 | 2 | 3 |
| 2025/2/24 | 0 | 3 | 3 | 2 | 1 | 0 |
| 2025/2/25 | 0 | 6 | 4 | 1 | 1 | 0 |
| 2025/2/26 | 0 | 4 | 2 | 2 | 2 | 4 |
| 2025/2/27 | 0 | 8 | 2 | 2 | 5 | 3 |
| 2025/2/28 | 0 | 3 | 4 | 0 | 0 | 1 |
| 2025/3/1 | 0 | 5 | 0 | 0 | 0 | 0 |
| 2025/3/2 | 0 | 7 | 2 | 0 | 4 | 0 |
| 2025/3/3 | 0 | 6 | 4 | 2 | 1 | 1 |
| 2025/3/4 | 0 | 0 | 5 | 3 | 1 | 3 |
| 2025/3/5 | 0 | 0 | 5 | 1 | 1 | 0 |
| 2025/3/6 | 0 | 3 | 5 | 1 | 5 | 2 |
| 2025/3/7 | 0 | 6 | 2 | 3 | 2 | 0 |
| 2025/3/8 | 0 | 0 | 1 | 0 | 4 | 1 |
| 2025/3/9 | 0 | 0 | 2 | 0 | 0 | 4 |
| 2025/3/10 | 0 | 7 | 4 | 0 | 4 | 3 |
| 2025/3/11 | 0 | 0 | 3 | 3 | 3 | 3 |
| 2025/3/12 | 0 | 2 | 2 | 0 | 5 | 0 |
| 2025/3/13 | 0 | 0 | 0 | 2 | 5 | 1 |
| 2025/3/14 | 0 | 8 | 5 | 0 | 0 | 1 |
| 2025/3/15 | 0 | 4 | 5 | 1 | 5 | 4 |
| 2025/3/16 | 0 | 5 | 1 | 0 | 3 | 2 |
| 2025/3/17 | 0 | 2 | 2 | 1 | 5 | 2 |
| 2025/3/18 | 0 | 6 | 5 | 0 | 2 | 0 |
| 2025/3/19 | 0 | 0 | 5 | 1 | 1 | 4 |
| 2025/3/20 | 0 | 2 | 0 | 2 | 0 | 2 |
| 2025/3/21 | 0 | 3 | 2 | 2 | 1 | 2 |
| 2025/3/22 | 0 | 7 | 2 | 3 | 5 | 4 |
| 2025/3/23 | 0 | 5 | 0 | 2 | 1 | 1 |
| 2025/3/24 | 0 | 3 | 2 | 0 | 4 | 2 |
| 2025/3/25 | 0 | 1 | 3 | 3 | 1 | 1 |
| 2025/3/26 | 0 | 8 | 4 | 0 | 3 | 0 |
| 2025/3/27 | 0 | 2 | 3 | 1 | 5 | 1 |
| 2025/3/28 | 0 | 6 | 2 | 2 | 3 | 2 |
| 2025/3/29 | 0 | 6 | 3 | 1 | 3 | 4 |
| 2025/3/30 | 0 | 2 | 0 | 0 | 2 | 3 |
| 2025/3/31 | 0 | 5 | 3 | 0 | 1 | 0 |
| 2025/4/1 | 0 | 9 | 3 | 3 | 0 | 4 |
| 2025/4/2 | 0 | 4 | 3 | 0 | 5 | 4 |
| 2025/4/3 | 0 | 2 | 5 | 0 | 3 | 3 |
| 2025/4/4 | 0 | 4 | 1 | 0 | 1 | 2 |
| 2025/4/5 | 0 | 8 | 0 | 1 | 1 | 1 |
| 2025/4/6 | 0 | 6 | 0 | 1 | 4 | 0 |
| 2025/4/7 | 0 | 4 | 0 | 2 | 3 | 0 |
| 2025/4/8 | 0 | 0 | 2 | 0 | 5 | 2 |
| 2025/4/9 | 0 | 0 | 5 | 2 | 2 | 2 |
| 2025/4/10 | 0 | 5 | 3 | 2 | 0 | 3 |
| 2025/4/11 | 0 | 2 | 5 | 0 | 1 | 2 |
| 2025/4/12 | 0 | 5 | 0 | 2 | 5 | 4 |
| 2025/4/13 | 0 | 8 | 1 | 1 | 0 | 0 |
| 2025/4/14 | 0 | 2 | 2 | 3 | 5 | 1 |
| 2025/4/15 | 0 | 2 | 4 | 3 | 0 | 2 |
| 2025/4/16 | 0 | 2 | 0 | 3 | 4 | 1 |
| 2025/4/17 | 0 | 2 | 1 | 0 | 5 | 4 |
| 2025/4/18 | 0 | 6 | 2 | 1 | 4 | 1 |
| 2025/4/19 | 0 | 1 | 1 | 0 | 0 | 3 |
| 2025/4/20 | 0 | 9 | 1 | 2 | 5 | 3 |
| 2025/4/21 | 0 | 9 | 0 | 2 | 5 | 3 |
| 2025/4/22 | 0 | 5 | 0 | 1 | 4 | 1 |
| 2025/4/23 | 0 | 5 | 0 | 0 | 5 | 0 |
| 2025/4/24 | 0 | 7 | 3 | 1 | 4 | 0 |
| 2025/4/25 | 0 | 8 | 2 | 1 | 3 | 0 |
| 2025/4/26 | 0 | 7 | 0 | 3 | 4 | 4 |
| 2025/4/27 | 0 | 1 | 0 | 1 | 4 | 2 |
| 2025/4/28 | 0 | 1 | 5 | 0 | 1 | 2 |
| 2025/4/29 | 0 | 3 | 3 | 1 | 0 | 2 |
| 2025/4/30 | 0 | 5 | 0 | 2 | 4 | 1 |

The screen dialog (Available Rooms blank.dat):

|  |
| --- |
| Evergreen Laurel Hotel Online Reservation System  1 - Making Reservation  2 - Reservation Inquiry  3 - End  Enter your choice: (1~3): 1  Please Input Check In Date  Month：  1. 2025-05  2. 2025-06  3. 2025-07  4. 2025-08  5. 2025-09  6. 2025-10  ? 1  Day (5 ~ 31)：5  Please Input Check Out Date  Month：  1. 2025-05  2. 2025-06  3. 2025-07  4. 2025-08  5. 2025-09  6. 2025-10  ? 1  Day (6 ~ 31)：7  Check in date: 2025-05-05  Check out date: 2025-05-07  The number of available rooms of each room type:  Date Superior Room Deluxe Room Deluxe Twin Room Superior Suite Deluxe Suite  2025-05-05 9 5 3 5 4  2025-05-06 9 5 3 5 4  Select Room Type：  1. Superior Room  2. Deluxe Room  3. Deluxe Twin Room  4. Superior Suite  5. Deluxe Suite  6. Give up  ? 5  Number of rooms ( 4 rooms available ): 2  ID Number: 11  Name: 11  Mobile Phone: 11  Name Fare Mobile Room type Number of rooms Check in date Check out date  11 33880 11 Deluxe Suite 2 2025-05-05 2025-05-07  Reservation successfully!  1 - Making Reservation  2 - Reservation Inquiry  3 - End  Enter your choice: (1~3): 3  Exiting the system... |