Grandeur Hotel
#Display of all the available options

Booking function

1) Generating random room number

using random.randint

2) Updating dictionary with details that the user inputs

Details like name, address, phone number

3) Type of booking

Current booking

Advanced booking

#Automatically check in by taking the current date and time
#Takes in the number of days the user stays and Automatically calculates the check out date .

Can book your room in advance. Takes in check in and check out date from the user and also number of days for the stay

4) Selecting Room type

Displays all the available room options

5) Display of room prices in case the user asks for it (inputs 5)

#User can choose the room after seeing all the room options and prices
#Message shown incase wrong input is given by the user

Enter c to continue

Enter q to exit

Room information Function

Shows all the room options available and the room amenities that come with it

Enter c to continue

Enter q to exit

Restaurant Function

Asks for room number from the user

Displays the menu card with food options and its respective prices

User can can choose number of dishes by inputting their respective serial number

Can end the food selection by entering 0

Food price added in the bill payment of customer during checkout

Enter c to continue

enter q to exit

Customer Records Function

By inputting the room number of any customer you can get all the details and information that is stored in the respective dictionary data base

Enter c to continue

enter q to exit

Payment and checkout Function

Have to input room number to generate respective customers bill

Displays all the mode of payment

#User selects any mode of Payment
#Message shown if invalid inputs is given

Bill is generated

All information is included as well as payment of restaurant is added

enter c to continue

enter q to exit

Change/Upgrade room function

Enter the current room number

Bill generated for the current room number before changing rooms

Can again book a room through booking function

Reusebility Function of python is used

enter c to continue

enter q to exit

End