MINI PROJECT REPORT HOTEL MANAGEMENT SYSTEM Himanshi Lad 0801CS211043

0.1 Objective

The main objective of this mini project 'Hotel Management System' is to serve the basic functions required by a hotel such as room booking, food order etc.

This mini project includes 10 functions as below.

The code written in Python includes 208 lines and the code in C includes 287 lines.

0.2 Function Description

1. Home Function

This function displays the front page or home page. The user can select any function to perform.

2. RoomBooking

This function books the room if it is already not booked. This function takes input from user, their name address phone number and room number. And Store them in respective arrays.

3. RoomCancellation

Using this function users can cancel their booked room by entering their room number. This function delete the corresponding entries from the arrays.

4. RoomInfo

This function prints all information about the booked rooms from the corresponding arrays.

5. Search Coustomer

This function allows users to search the information about any room using their name. It prints name, room number, address and phone number from the corresponding arrays.

6. MenuCard

This function prints the menu card of the hotel with their prices.

7. Food Order

This function takes the input of dishes they want from the user and then calculate the total price. It also calls the next method discount to calculate discount.

8. Discount

This method gives a discount of 10 If total price is greater than 200 and 5 if price is greater than 100. Then this method calls the next method bill generate to generate the bill.

9. BillGenerate

The bill generate method takes input as name and phone number then prints the bill along with the discount and the final price to be paid. It also Prince the current date and time. Along with the bill number which is generated randomly using random module.

10. Feedback

The feedback method allows the users to give star rating out of five to the Hotel Raj Mahal.

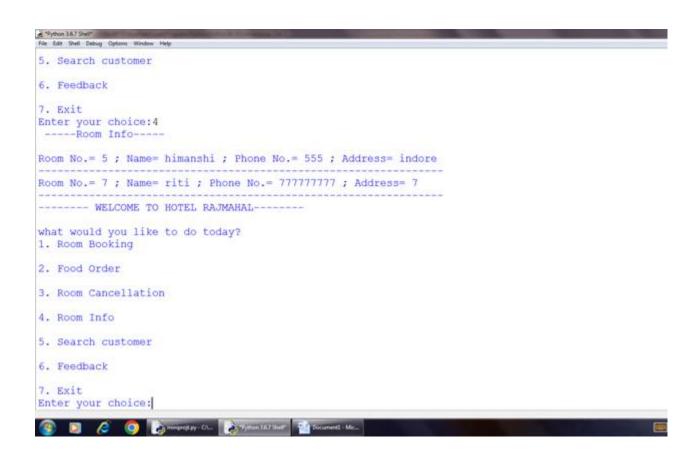
0.3 Output Screenshots (Python)



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File Edit Shell Debug Op
7. Exit
Enter your choice:2
----Menu Card----
 1 Regular Tea..... 20.00
 4 Cold Drink..... 25.00
 5 Bread Butter..... 30.00
 6 Bread Jam..... 30.00
10 Grilled Sandwich......70.00
16 Shahi Paneer 100.00
17 Kadai Paneer 100.00
18 Handi Paneer 120.00
 19 Palak Paneer...... 120.00
20 Chilli Paneer..... 120.00
Enter item no. or else enter 0:
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Enter item no. or else enter 0:6
Enter item no. or else enter 0:19
Enter item no. or else enter 0:7
Enter item no. or else enter 0:0
Total Bill: 200
Congratulations!!! you get 10% discount.
---Bill Generate--
Enter your Name: himanshi
Enter your Phone No.: 555
-----HOTEL RAJMAHAL-----
Sudama Nagar, Indore
contact no. - 123456
2022-11-15 13:34:29.353200
Bill no.= 315
Name- himanshi
phone- 555
your total bill is Rs. 200
discount= 20.0
amount payble: Rs. 180.0
Thank you!!!!
Visit again!!!
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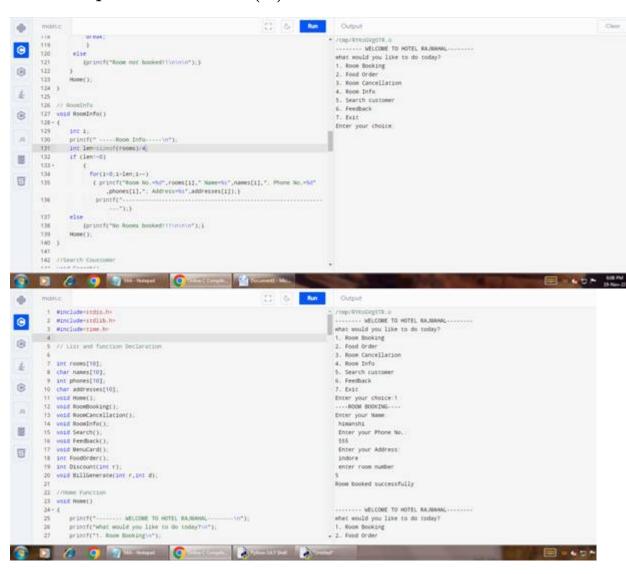
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| WELCOME TO HOTEL RAJMAHAL |
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| . Food Order |
| . Room Cancellation |
| . Room Info |
| . Search customer |
| . Feedback |
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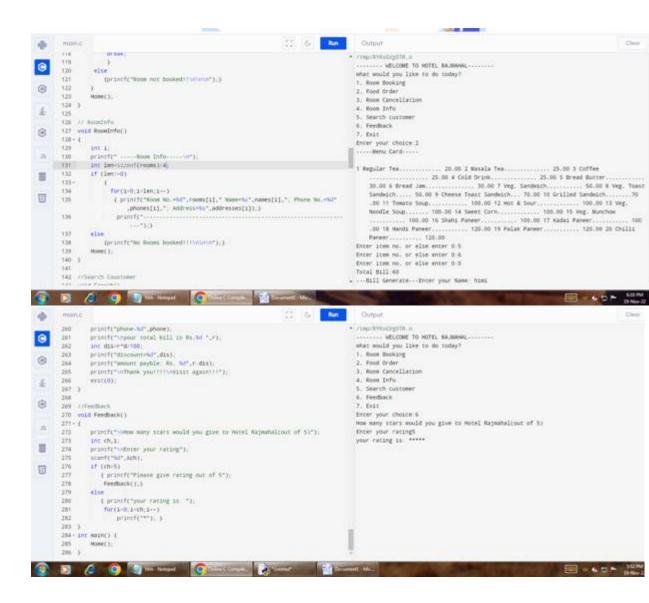


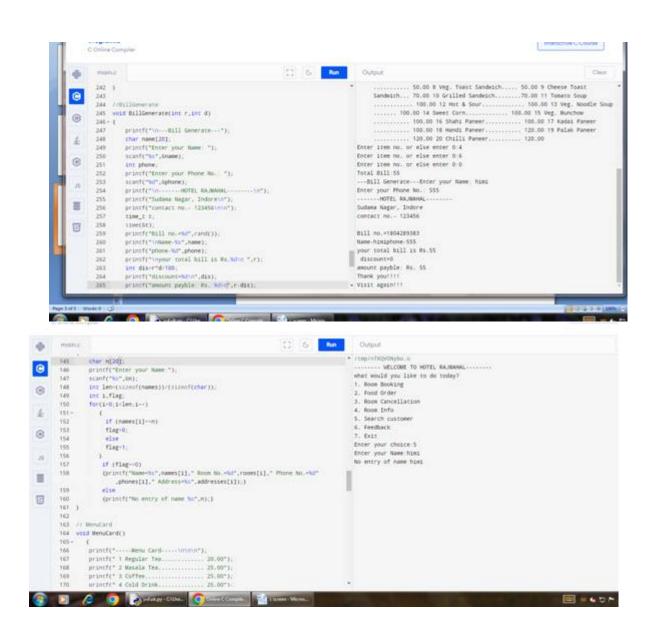
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Python 3.6.7 Shell
File Edit Shell Debug Options Window Help
Enter your choice:4
 ----Room Info--
Room No. = 5 ; Name= himanshi ; Phone No. = 555 ; Address= indore
Room No. = 7; Name= riti ; Phone No. = 777777777 ; Address= 7
----- WELCOME TO HOTEL RAJMAHAL-----
what would you like to do today?
1. Room Booking
2. Food Order
3. Room Cancellation
4. Room Info
5. Search customer
6. Feedback
7. Exit
Enter your choice:5
Enter your Name:riti
Name= riti Room No.= 7 Phone No.= 77777777 Address= 7
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0.4 Output Screenshots (C)







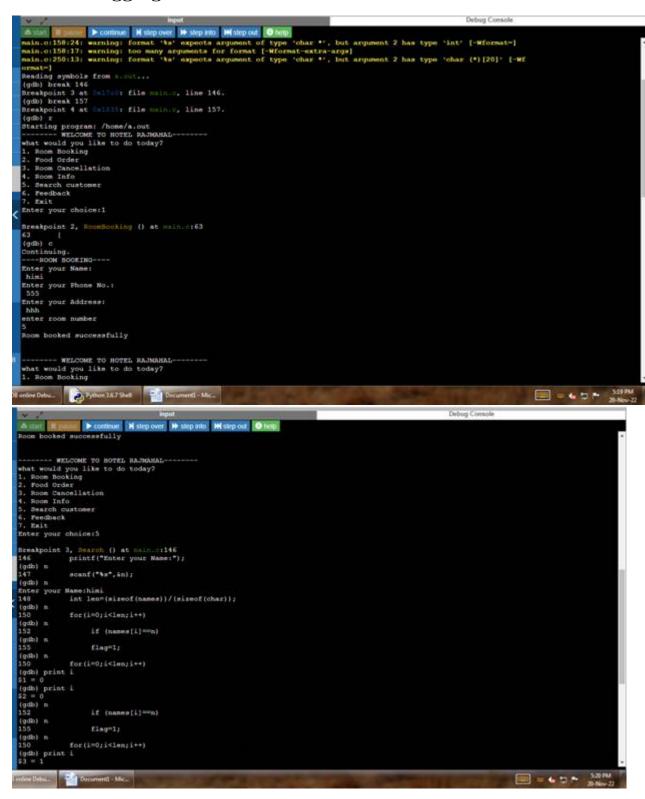
0.5 Profiling Screenshots

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discount= 0.0
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Thank you!!!!
Visit again!!!
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6. Feedback
 7. Exit
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                    December 18 Section 18
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0.6 Debugging Screenshots



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input

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if (names[i]==n)
 if (names[i]=n)
                                                                                                            flag=1;
                                                                             for(i=0;i<len;i++)
                                                                                                            if (names[i]==n)
                                                                                                            flag=1;
                                                                             for(i=0;i<len;i**)
                                                                                                            if (names[i]==n)
                                                                                                            flag"1;
                                                                             for(i=0;i<len;i+*)
                                                              command: "nn". Try "help".
                                                                                                          if (names[i]==n)
                                                                                                            flag=1;
                                                                             for(i=0;i<len;i++)
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