

Subject: Python Mini_Project(Hotel_Management_System)

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Abstract:

Simple Hotel Management System project file contains a python script. This is a simple console based system which is very easy to understand and use. Talking about the system, it contains all the basic functions which include entering customer's data, calculating room rent, and total cost. In this mini project, there is no such login system. This means he/she can use all those available features easily without any restriction. It is too easy to use, he/she can check the total cost of staying in the hotel easily with each and every detail.

Scope:

The mission of this project is to facilitate easy management. And administration of a hotel with capabilities to do Booking or reservations of the rooms, Bill Calculation of the rooms, creating of new user, Room service, Total billing etc. using the computerized hotel management software. One can keep detailed records or info on an unlimited amount of customers. The system lets the user know which all rooms are available for occupancy at any point of time. This makes the booking considerably faster. And thus helps the hotel in better management and reduce a lot of paper work as well as manpower.

Screenshot:

```
File Edit View Navigate Code Refactor Run Tools VCS Window Help pythonAdvance - Hotel_Management.py
pythonAdvance Hotel_Management.py
Project pythonAdvance C:\Users\mmm920997\PycharmProjects\pythonAdvance
External Libraries hotelfarecal roomrent()
Run: Hotel_Management.py
C:\Users\mmm920997\PycharmProjects\pythonAdvance\venv\Scripts\python.exe C:/Users/mmm920997/PycharmProjects/pythonAdvance/Hotel_Management.py
*****WELCOME TO Swami HOTEL*****
1.Enter Customer Data
2.Calculate roomrent
3.Calculate restaurant bill
4.Show total cost
5.EXIT

Enter your choice:1

Enter your name:Raghuveer

Enter your address:Kadapa

Enter your check in date:1 Jan

Enter your checkout date:10 Jan

Your room no.: 101

Version Control Run TODO Problems Python Packages Python Console Terminal
Download pre-built shared indexes: Reduce the indexing time and CPU load with pre-built Python packages shared indexes // Always download /... (2 minutes ago) 28:1 CRLF UTF-8 4 spaces Python 3.10 (pythonAdvance)
Type here to search 26°C 2:46 PM 1/10/2022
```

```
File Edit View Navigate Code Refactor Run Tools VCS Window Help pythonAdvance - Hotel_Management.py
pythonAdvance Hotel_Management.py
Project pythonAdvance C:\Users\mmm920997\PycharmProjects\pythonAdvance
External Libraries hotelfarecal roomrent()
Run: Hotel_Management.py
Enter your checkout date:10 Jan

Your room no.: 101

1.Enter Customer Data
2.Calculate roomrent
3.Calculate restaurant bill
4.Show total cost
5.EXIT

Enter your choice:2

We have the following rooms for you:-
1. type A Single: A room assigned to one person-> 6000 PN\
2. type B Double: A room assigned to two people->rs 5000 PN\
3. type C Triple: A room assigned to three people->rs 4000 PN\
4. type D Quad: A room assigned to four people->rs 3000 PN\
Enter Your Choice Please->1

For How Many Nights Did You Stay:3

you have opted room type A
your room rent is = 12000

1.Enter Customer Data
2.Calculate roomrent

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Type here to search 26°C 2:47 PM 1/10/2022
```

```
pythonAdvance - Hotel_Management.py
pythonAdvance Hotel_Management.py
Project: pythonAdvance
Run: Hotel_Management
1.Enter Customer Data
2.Calculate roomrent
3.Calculate restaurant bill
4.Show total cost
5.EXIT
Enter your choice:
*****RESTAURANT MENU*****
1.water---->Rs20 2.tea---->Rs10 3.breakfast combo-->Rs90 4.lunch---->Rs110 5.dinner-->Rs150 6.Exit
Enter your choice:
Enter the quantity:
Enter your choice:
Enter the quantity:
Enter your choice:
Enter the quantity:
Enter your choice:
Enter the quantity:
Total food Cost=Rs 180
1.Enter Customer Data
2.Calculate roomrent
3.Calculate restaurant bill
```

```
pythonAdvance - Hotel_Management.py
pythonAdvance Hotel_Management.py
Project: pythonAdvance
Run: Hotel_Management
1.Enter Customer Data
2.Calculate roomrent
3.Calculate restaurant bill
4.Show total cost
5.EXIT
Enter your choice:
*****HOTEL BILL*****
Customer details:
Customer name: Mayuree
Customer address: Satana
Check in date: 8 Jan
Check out date 10 Jan
Room no. 101
Your Room rent is: 12000
Your Food bill is: 180
Your sub total bill is: 12180
1.Enter Customer Data
2.Calculate roomrent
3.Calculate restaurant bill
4.Show total cost
```

```
File Edit View Navigate Code Refactor Run Tools VCS Window Help pythonAdvance - Hotel_Management.py

pythonAdvance Hotel_Management.py
main.py Hotel_Management.py
Project: pythonAdvance
External Libraries: hotelmanagement (roomrent)

Run: Hotel_Management
3.Calculate restaurant bill
4.Show total cost
5.EXIT
Enter your choice:
*****HOTEL BILL*****
Customer details:
Customer name: Mayunee
Customer address: Satana
Check in date: 8 Jan
Check out date: 10 Jan
Room no. 101
Your Room rent is: 12000
Your Food bill is: 180
Your sub total bill is: 12180
1.Enter Customer Data
2.Calculate roomrent
3.Calculate restaurant bill
4.Show total cost
5.EXIT
Enter your choice:
```

Version Control Run TODO Problems Python Packages Python Console Terminal
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