

# HOSPITAL MANAGEMENT SYSTEM

(""" SOURCE CODE:

```
print("""
*****
*****

^ _ ^
^ _ ^
-

WELCOME TO XYZ HOTEL

*****
*****

""")

import mysql.connector as sqlhotel

mycon=sqlhotel.connect(host="localhost",user="root",password="CLASS12khyati@@")

mycursor=mycon.cursor()

if mycon.is_connected():

    print("SUCCESSFULLY CONNECTED")


mycursor.execute("CREATE DATABASE IF NOT EXISTS hotel")
mycursor.execute("use hotel")

ROOMRENT=0
rbill=0
lbill=0
total=0
CID=""

def Customer_Details():

    global CID

    mycursor.execute("create table if not exists CUSTOMER_DETAILS(CID
VARCHAR(20),NAME VARCHAR(30),CONTACT_NUMBER VARCHAR(50),ADDRESS
VARCHAR(30), EMAIL VARCHAR(30))")

    CID = input("Enter Customer Identification Number : ")

    NAME = input("Enter Customer Name : ")

    CONTACT_NUMBER= input("Enter Customer Contact Number : ")

    ADDRESS= input("Enter Customer Address : ")
```

```

EMAIL= input("Enter Customer Email : ")

QUERY="INSERT INTO CUSTOMER_DETAILS
VALUES('{}','{}','{}','{}','{}').format(CID,NAME,CONTACT_NUMBER,ADDRESS,E
MAIL)

mycursor.execute(QUERY)

mycon.commit()

print("RECORDED THE DETAILS OF THE NEW CUSTOMER")

mycursor.execute("CREATE TABLE IF NOT EXISTS BOOKING_DETAILS(CID
VARCHAR(20),CHECK_IN varchar(20),CHECK_OUT varchar(20))")

CHECK_IN=input("Enter Customer CheckIN Date [ YYYY-MM-DD ] : ")

CHECK_OUT=input(" Enter Customer CheckOUT Date [ YYYY-MM-DD ] : ")

QUERY= "INSERT INTO BOOKING_DETAILS
VALUES({},'{}','{}').format(CID,CHECK_IN,CHECK_OUT)

mycursor.execute(QUERY)

mycon.commit()

print("RECORDED THE DETAILS OF CUSTOMER COMING IN AND OUT")


def room_Rent():

    global CID

    global ROOMRENT

    mycursor.execute("create table if not exists ROOM_RENT_DETAILS(CID
VARCHAR(20),ROOM_CHOICE VARCHAR(10),NO_OF_DAYS VARCHAR(20),ROOM_NUMMBER
VARCHAR(10),ROOMRENT VARCHAR(25))")

    print ("***** TYPES OF ROOMS AVAILABLE IN OUR HOTEL
*****")

    print (" 1. type A----> 15000 Rs.")
    print (" 2. type B----> 7000 Rs. ")
    print (" 3. type C---> 5500 Rs. ")
    print (" 4. type D ----> 3500 Rs. ")


    ROOM_CHOICE =int(input("Enter Option from the above options : "))
    NO_OF_DAYS=int(input("Enter No. Of Days : "))
    ROOM_NUMBER=int(input("Enter Customer Room No : "))

    if ROOM_CHOICE==1:

```

```

        ROOMRENT = NO_OF_DAYS * 15000
        print("type A Room Rent : ",ROOMRENT)
    elif ROOM_CHOICE ==2:
        ROOMRENT = NO_OF_DAYS * 7000
        print(" type B Room Rent : ",ROOMRENT)
    elif ROOM_CHOICE ==3:
        ROOMRENT = NO_OF_DAYS * 5500
        print(" type C Room Rent : ",ROOMRENT)
    elif ROOM_CHOICE==4:
        ROOMRENT= NO_OF_DAYS * 3500
        print(" type D Room Rent : ",ROOMRENT)
    else:
        print("PLEASE ENTER A OPTION FROM THE ABOVE PROVIDED !!! ")

    QUERY="INSERT INTO ROOM_RENT_DETAILS
VALUES({}, {}, {}, {}, {})".format(CID,ROOM_CHOICE,NO_OF_DAYS,ROOM_NUMBER,ROOM
RENT)

    mycursor.execute(QUERY)
    mycon.commit()

    print("Your Room Has Been Booked For : ",NO_OF_DAYS , "Days" )
    print("Your Total Room Rent is : Rs. ",ROOMRENT)
    return ROOMRENT

def restaurant_menu():
    print("1. Vegetarian Combo ----->Rs.450")
    print("2. Non-Vegetarian Combo ----->Rs750")
    print("3. Vegetarian & Non-Vegetarian Combo ----->RS.1500")
    print("4. Tea ----->Rs.20")
    print("5. Coffee ----->Rs.30")
    print("6. Juice ----->Rs.50")
    print("7. Snacks ----->Rs.100")
    print("8. Desserts ----->Rs.150")
    print("9. Chinese food ----->Rs.100")
    print("10. Sandwich ----->Rs.50")

```

```
def order_food():
    global CID
    global rbill

    mycursor.execute("create table if not exists RESTAURANT(CID
VARCHAR(20),FOOD_ITEM VARCHAR(30),QUANTITY VARCHAR(30),BILL VARCHAR(30))")

    Desired_dish= int(input("Enter Your food_item : "))
    Quantity=int(input("Enter Quantity : "))

    if Desired_dish==1:
        print(" ORDER: Vegetarian Combo ")
        rbill = Quantity * 450

    elif Desired_dish==2:
        print(" ORDER: Non-Vegetarian Combo ")
        rbill =Quantity * 750

    elif Desired_dish==3:
        print(" ORDER: Vegetarian & Non-Vegetarian Combo ")
        rbill= Quantity * 1500

    elif Desired_dish==4:
        print(" ORDER: Tea ")
        rbill= Quantity * 20

    elif Desired_dish==5:
        print(" ORDER: Coffee ")
        rbill= Quantity * 30

    elif Desired_dish==6:
        print(" ORDER: Juice")
        rbill= Quantity * 50

    elif Desired_dish==7:
        print(" ORDER: Snacks")
        rbill= Quantity * 100

    elif Desired_dish==8:
        print(" ORDER: Desserts")
```

```

        rbill= Quantity * 150
    elif Desired_dish==9:
        print(" ORDER: Chinese food")
        rbill= Quantity * 100
    elif Desired_dish==10:
        print(" ORDER: Sandwich")
        rbill= Quantity * 20
    else:
        print("PLEASE ENTER A OPTION FEOM THE MENU")

    mycursor.execute("INSERT INTO RESTAURANT
VALUES({},'{}','{}','{}')".format(CID,Desired_dish,Quantity,rbill))
    mycon.commit()

    print(" Total Bill Amount Is : Rs.",rbill)
    return rbill

```

```

def laundry_price():
    print("""1.trouser ----->Rs20
2. Shirt ----->Rs20
3. Saree----->Rs50
4.Suit----->Rs40
5. Pant-----> Rs 30
""")

```

```

def laundry_bill():
    global CID
    global lbill
    c=input("do u want to continue:(y/n)")
    while c=="Y" or c=="y":
        laundry=int(input("enter laundry no. "))
        qty=int(input("enter quantity of laundry"))

```

```
if laundry==1:
    print("1. trouser")
    lbill=qty*20
    print("your laundry bill is: Rs",lbill)
    return lbill
elif laundry==2:
    print("2.Shirt")
    lbill=qty*20
    print("your laundry bill is: Rs",lbill)
    return lbill
elif laundry==3:
    print("3.Saree")
    lbill=qty*50
    print("your laundry bill is: Rs",lbill)
    return lbill
elif laundry==4:
    print('4.Suit')
    lbill=qty*40
    print("your laundry bill is: Rs",lbill)
    return lbill
elif laundry==5:
    print('5.pant')
    lbill=qty*30
    print("your laundry bill is: Rs",lbill)
    return lbill
else:
    print("Invalid choice")
c=input("do u want to continue:(Y/N)")
```

```
def Total_bill():
    global CID
    global total
```

```

global rbill
global lbill
global ROOMRENT
total=ROOMRENT+rbill+lbill
print("-----")
print(" roomrent      =Rs",ROOMRENT)
print("restaurant bill=Rs",rbill)
print("laundry bill   =Rs",lbill)
print("-----")
print("your total bill is: Rs",total,"^_^")

```

```

def menu():
    print(""" 1. customer details
2. Room Rent
3. Restaurant menu
4. Restaurant Bill
5. View Laundry Price
6. Laundry Bill
7. Total Bill
8. Exit""")
    c="y"
    while True:
        try:
            ch=int(input("enter your choice(1-6)"))
        except :
            exit("\n enter a no.")
        if ch==1:
            Customer_Details()
        elif ch==2:
            room_Rent()
        elif ch==3:

```

```
        restaurant_menu()
elif ch==4:
    order_food()
elif ch==5:
    laundry_price()
elif ch==6:
    laundry_bill()
elif ch==7:
    Total_bill()
elif ch==8:
    break
menu()
```



## OUTPUT SCREEN:

### MAIN SCREEN:

```
===== RESTART: C:\Users\Devendra\Downloads\hotel gj.py ===
*****
^_^                                     ^_^
*****
WELCOME TO XYZ HOTEL

SUCCESSFULLY CONNECTED
1. customer details
2. Room Rent
3. Restaurant menu
4. Restaurant Bill
5. View Laundry Price
6. Laundry Bill
7. Total Bill
8. Exit
```

---

### CHOICE1 :

```
enter your choice(1-6)1
Enter Customer Identification Number : 123
Enter Customer Name : fariha
Enter Customer Contact Number : 8539547488
Enter Customer Address : jflh/344 gjlhlf
Enter Customer Email : ffs24 @gmail.com
RECORDED THE DETAILS OF THE NEW CUSTOMER
Enter Customer CheckIN Date [ YYYY-MM-DD ] : 21-4-4
Enter Customer CheckOUT Date [ YYYY-MM-DD ] : 21-4-5
RECORDED THE DETAILS OF CUSTOMER COMING IN AND OUT
```

---

### CHOICE 2:

\*\*\*\*\* TYPES OF ROOMS AVAILABLE IN OUR HOTEL \*\*\*\*\*

1. type A----> 15000 Rs.

2. type B----> 7000 Rs.

3. type C---> 5500 Rs.

4. type D ----> 3500 Rs.

Enter Option from the above options : 1

Enter No. Of Days : 1

Enter Customer Room No : 245

type A Room Rent : 15000

Your Room Has Been Booked For : 1 Days

Your Total Room Rent is : Rs. 15000

---

### CHOICE-3:

enter your choice(1-6)3

1. Vegetarian Combo ----->Rs.450

2. Non-Vegetarian Combo ----->Rs750

3. Vegetarian & Non-Vegetarian Combo ----->RS.1500

4. Tea ----->Rs.20

5. Coffee ----->Rs.30

6. Juice ----->Rs.50

7. Snacks ----->Rs.100

8. Desserts ----->Rs.150

9. Chinese food ----->Rs.100

10. Sandwich ----->Rs.50

---

### CHOICE-4:

enter your choice(1-6)4

Enter Your food\_item : 2

Enter Quantity : 4

ORDER: Non-Vegetarian Combo

Total Bill Amount Is : Rs. 3000

---

### CHOICE-5

enter your choice(1-6)5

1.trouser ----->Rs20

2. Shirt ----->Rs20

3. Saree----->Rs50

4.Suit----->Rs40

5. Pant-----> Rs 30

---

#### **CHOICE-6:**

enter your choice(1-6)6

do u want to continue:(y/n)y

enter laundry no. 4

enter quantity of laundry4

4.Suit

your laundry bill is: Rs 160

---

#### **CHOICE-7:**

enter your choice(1-6)7

-----  
roomrent =Rs 15000

restaurant bill=Rs 3000

laundry bill =Rs 160

-----  
your total bill is: Rs 18160 ^ \_ ^

enter your choice(1-6)8

---

## TABLES :

```
mysql> select* from booking_details;
```

CID	CHECK_IN	CHECK_OUT
123	21-3-4	21-3-5
23	21-2-3	21-2-4
123	21-4-4	21-4-5

3 rows in set (0.00 sec)

```
mysql> select* from customer_details;
```

CID	NAME	CONTACT_NUMBER	ADDRESS	EMAIL
123	kdgr	3464244748	kgsf3434 kdg	gddfy343@ gmail.com
23	kvd	88864354663	kdsh23/hfdg3	fdd344 @gmail.com
102	khushi	9999423234	d/44hd hsk	fd344
123	fariha	8539547488	jfh/344 gjhhf	ffs24 @gmail.com

4 rows in set (0.00 sec)

```
mysql> select* from room_rent_details;
```

CID	ROOM_CHOICE	NO_OF_DAYS	ROOM_NUMMBER	ROOMRENT
123	2	1	345	7000
123	4	1	123	3500
123	1	1	245	15000

```
mysql>
mysql> select* from restaurant;
+-----+-----+-----+-----+
| CID  | FOOD_ITEM | QUANTITY | BILL |
+-----+-----+-----+-----+
| 123  | 5         | 2        | 60   |
| 123  | 2         | 4        | 3000 |
+-----+-----+-----+-----+
2 rows in set (0.00 sec)
```