

JAVA MINI PROJECT

Name: Gauri Kardekar

PRN: 202101040137

Roll no: 126

Group Members:

- 1) Gauri Kardekar
- 2) Anagha Pawar
- 3) Maheshwari Jadhav

Guide: Mrs. Ashwini Mane

Subject: JAVA

Batch: JAVA2

Topic: Hotel Management

Concept included: Polymorphism, Inheritance, Abstraction and Interface, Exception Handling

Code

```
1 package com.hotel.management;
2*import java.io.*;
4 interface Customer
5 {
6     public void Information();
7     public void payment();
8 }
9
10 interface Room_service
11 {
12     public void workload();
13     public void leave();
14     public void salary();
15 }
16
17 interface Manager
18 {
19     public void acc_handling();
20 }
21
22 interface Hotel_1 extends Customer,Room_service,Manager
23 {
24     public void Information();
25     public void payment();
26     public void workload();
27     public void leave();
28     public void salary();
29     public void acc_handling();
30 }
31 abstract class Management implements Hotel_1

31 abstract class Management implements Hotel_1
32 {
33     public void Information()
34     {
35         System.out.println("***CUSTOMER'S INFORMATION** ");
36         System.out.println("Customer's information is successfully entered in record");
37         System.out.println("-----");
38     }
39
40     public void payment()
41     {
42         System.out.println("***PAYMENT OPTIONS**");
43         System.out.println("Customer can choose any payment options from below list: ");
44         System.out.println("1.ONLINE MODE ");
45         System.out.println("2.CASH ");
46         System.out.println("3.DEBIT/CREDIT CARD ");
47         System.out.println("-----");
48     }
49
50     public void workload()
51     {
52         System.out.println("***WORKLOAD OF HOTEL EMPLOYEES**");
53         System.out.println("Room service is available 24/7 ");
54         System.out.println("Helper works 9 hours per day ");
55         System.out.println("Hotel staff works 11 hours per day ");
56         System.out.println("-----");
57     }
58     public void leave()
59     {
60         System.out.println("Hotel employees take leave for: ");
```

```

61     System.out.println("1. EMERGENCY LEAVE ");
62     System.out.println("2. SICK LEAVE ");
63     System.out.println("3. EARNED LEAVE ");
64     System.out.println("-----");
65 }
66 public void salary()
67 {
68     System.out.println("***SALARY**");
69     System.out.println("1.Manager- Rs 35,000/month ");
70     System.out.println("2.Hotel Staff- Rs 15,000/month ");
71     System.out.println("3.Chef- Rs 20,000/month ");
72     System.out.println("4.Helper- Rs 10,000/month ");
73     System.out.println("-----");
74 }
75 public void acc_handling()
76 {
77     System.out.println("Manager looks after account handling ");
78     System.out.println("Manager takes care of inconvenience issue raised by customer");
79     System.out.println("Manager manages employees and for planning, coordinating hotel services");
80     System.out.println("-----");
81 }
82
83 public class Hotel extends Management{
84     String f_name,l_name;
85     int id;
86     String id_num;
87     String email;
88     long mob_no;
89 void accept()

89 void accept()
90 {
91     Scanner s = new Scanner(System.in);
92     System.out.print("\nEnter first name of the customer:");
93     f_name = s.next();
94     System.out.print("\nEnter last name of the customer:");
95     l_name = s.next();
96     System.out.print("\nEnter mobile number of the customer:");
97     mob_no = s.nextLong();
98     System.out.print("\nEnter email id of the customer:");
99     email = s.next();
100    System.out.println("Select type of id proof:\n1)Aadhar card\n2)Passport\n3)Driving License\n4)Pan card");
101    System.out.print("\nEnter choice:");
102    id = s.nextInt();
103    System.out.print("\nEnter the id number:");
104    id_num = s.next();
105 }
106 void calculation(int days)
107 {
108     int room_price = 3000;
109     System.out.println("Selected room type is default");
110     System.out.print("Bill generated for default days(one day):Rs."+room_price*days+"/-");
111 }
112 void food()
113 {
114     Scanner sc = new Scanner(System.in);
115     System.out.println("Welcome to Rosewood Restaurant");
116     System.out.println("1. Chicken Dishes");
117     System.out.println("2. Vegetarian Dishes");
118     System.out.println("3. Starters");

```

```

118     System.out.println("3. Starters");
119     System.out.println("4. Indian Bread");
120     System.out.println("5.Chinese food");
121     System.out.println("Enter your choice");
122     int choice = sc.nextInt();
123     switch(choice)
124     {
125         case 1:
126             ChickenDishes cd = new ChickenDishes();
127             cd.chickenDishes();
128             break;
129         case 2:
130             VegetarianDishes vd = new VegetarianDishes();
131             vd.vegetarianDishes();
132             break;
133         case 3:
134             Starters s = new Starters();
135             s.starters();
136             break;
137         case 4:
138             IndianBread ib = new IndianBread();
139             ib.indianBread();
140             break;
141         case 5:
142             Chinesefood cf = new Chinesefood();
143             cf.Chinese_food();
144             break;
145         default:
146             System.out.println("Invalid Choice");
147     }

```

```

148     }
149 }
150 }
151
152 class Luxury extends Hotel{
153     void calculation(int num_rooms,int days)
154     {
155         int room_price = 7500;
156         System.out.println("Selected room type is Luxury");
157         System.out.print("Bill generated:Rs."+num_rooms*days*room_price+"/-");
158     }
159 }
160 class Deluxe extends Hotel{
161     void calculation(int num_rooms,int days)
162     {
163         int room_price = 6000;
164         System.out.print("Selected room type is Deluxe");
165         System.out.print("Bill generated:Rs."+num_rooms*days*room_price+"/-");
166     }
167 }
168 class Regular extends Hotel{
169     void calculation(int num_rooms,int days)
170     {
171         int room_price = 6000;
172         System.out.println("Selected room type is Regular");
173         System.out.print("Bill generated:Rs."+num_rooms*days*room_price+"/-");
174     }
175 }
176
177 class ChickenDishes

```

```

178 {
179     void chickenDishes()
180     {
181         System.out.println("1. Chicken Tikka Masala");
182         System.out.println("2. Chicken Korma");
183         System.out.println("3. Butter Chicken");
184         System.out.println("4. Chicken Biryani");
185         System.out.println("5. Chicken Jalfrezi");
186         System.out.println("Enter your choice");
187         Scanner sc = new Scanner(System.in);
188         int choice = sc.nextInt();
189         switch(choice)
190         {
191             case 1:
192                 System.out.println("Chicken Tikka Masala");
193                 System.out.println("Price: Rs. 300");
194                 break;
195             case 2:
196                 System.out.println("Chicken Korma");
197                 System.out.println("Price: Rs. 250");
198                 break;
199             case 3:
200                 System.out.println("Butter Chicken");
201                 System.out.println("Price: Rs. 350");
202                 break;
203             case 4:
204                 System.out.println("Chicken Biryani");
205                 System.out.println("Price: Rs. 400");
206                 break;
207             case 5:
208                 System.out.println("Chicken Jalfrezi");
209                 System.out.println("Price: Rs. 300");
210                 break;
211             default:
212                 System.out.println("Invalid Choice");
213         }
214     }
215 }
216
217 class VegetarianDishes
218 {
219     void vegetarianDishes()
220     {
221         System.out.println("1. Paneer Tikka Masala");
222         System.out.println("2. Aloo Gobi");
223         System.out.println("3. Chana Masala");
224         System.out.println("4. Dal Makhani");
225         System.out.println("5. Palak Paneer");
226         System.out.println("Enter your choice");
227         Scanner sc = new Scanner(System.in);
228         int choice = sc.nextInt();
229         switch(choice)
230         {
231             case 1:
232                 System.out.println("Paneer Tikka Masala");
233                 System.out.println("Price: Rs. 250");
234                 break;
235             case 2:
236                 System.out.println("Aloo Gobi");

```

```

237         System.out.println("Price: Rs. 200");
238         break;
239     case 3:
240         System.out.println("Chana Masala");
241         System.out.println("Price: Rs. 200");
242         break;
243     case 4:
244         System.out.println("Dal Makhani");
245         System.out.println("Price: Rs. 200");
246         break;
247     case 5:
248         System.out.println("Palak Paneer");
249         System.out.println("Price: Rs. 250");
250         break;
251     default:
252         System.out.println("Invalid Choice");
253     }
254 }
255 }
256
257 class Starters
258 {
259     void starters()
260     {
261         System.out.println("1. Onion Bhaji");
262         System.out.println("2. Samosa");
263         System.out.println("3. Pakora");
264         System.out.println("4. Vegetable Cutlets");
265         System.out.println("5. Paneer Tikka");
266         System.out.println("Enter your choice");

```

```

267 Scanner sc = new Scanner(System.in);
268 int choice = sc.nextInt();
269 switch(choice)
270 {
271     case 1:
272         System.out.println("Onion Bhaji");
273         System.out.println("Price: Rs. 100");
274         break;
275     case 2:
276         System.out.println("Samosa");
277         System.out.println("Price: Rs. 50");
278         break;
279     case 3:
280         System.out.println("Pakora");
281         System.out.println("Price: Rs. 50");
282         break;
283     case 4:
284         System.out.println("Vegetable Cutlets");
285         System.out.println("Price: Rs. 100");
286         break;
287     case 5:
288         System.out.println("Paneer Tikka");
289         System.out.println("Price: Rs. 150");
290         break;
291     default:
292         System.out.println("Invalid Choice");
293 }
294 }
295 }

```

```

296
297 class IndianBread
298 {
299     void indianBread()
300     {
301         System.out.println("1. Naan");
302         System.out.println("2. Roti");
303         System.out.println("3. Paratha");
304         System.out.println("4. Kulcha");
305         System.out.println("5. Poori");
306         System.out.println("Enter your choice");
307         Scanner sc = new Scanner(System.in);
308         int choice = sc.nextInt();
309         switch(choice)
310         {
311             case 1:
312                 System.out.println("Naan");
313                 System.out.println("Price: Rs. 50");
314                 break;
315             case 2:
316                 System.out.println("Roti");
317                 System.out.println("Price: Rs. 20");
318                 break;
319             case 3:
320                 System.out.println("Paratha");
321                 System.out.println("Price: Rs. 30");
322                 break;
323             case 4:
324                 System.out.println("Kulcha");
325                 System.out.println("Price: Rs. 40");
326
327                 break;
328             case 5:
329                 System.out.println("Poori");
330                 System.out.println("Price: Rs. 30");
331                 break;
332             default:
333                 System.out.println("Invalid Choice");
334         }
335     }
336 }
337 class ChineseFood
338 {
339     void Chinese_Food()
340     {
341         System.out.println("1. Manchow soup ");
342         System.out.println("2. Chicken Fried Rice");
343         System.out.println("3. Fried Rice");
344         System.out.println("4. Hakka Noodles");
345         System.out.println("5. Manchurian");
346         System.out.println("Enter your choice");
347         Scanner sc = new Scanner(System.in);
348         int choice = sc.nextInt();
349         switch(choice)
350         {
351             case 1:
352                 System.out.println("Manchow soup");
353                 System.out.println("Price: Rs. 100");
354                 break;
355             case 2:

```



```

416         case 1:
417             h.accept();
418             System.out.print("\nEnter number of days you prefer to stay:");
419             days = s.nextInt();
420             h.calculation(days);
421         break;
422
423         case 2:
424             r.accept();
425             System.out.print("\nEnter number of rooms you want to book:");
426             num_rooms = s.nextInt();
427             ValidNumRooms(num_rooms);
428             System.out.print("\nEnter number of days you prefer to stay:");
429             days = s.nextInt();
430             r.calculation(num_rooms, days);
431         break;
432
433         case 3:
434             d.accept();
435             System.out.print("\nEnter number of rooms you want to book:");
436             num_rooms = s.nextInt();
437             ValidNumRooms(num_rooms);
438             System.out.print("\nEnter number of days you prefer to stay:");
439             days = s.nextInt();
440             d.calculation(num_rooms, days);
441         break;
442
443         case 4:
444             l.accept();
445             System.out.print("\nEnter number of rooms you want to book:");
446
447             num_rooms = s.nextInt();
448             ValidNumRooms(num_rooms);
449             System.out.print("\nEnter number of days you prefer to stay:");
450             days = s.nextInt();
451             l.calculation(num_rooms, days);
452         break;
453
454         case 5:
455             h.food();
456         break;
457
458         case 6:
459             h.Information();
460             h.payment();
461         break;
462
463         case 7:
464             h.workload();
465         break;
466
467         case 8:
468             h.leave();
469         break;
470
471         case 9:
472             h.salary();
473             System.out.println("\nJob done by Manager");
474             h.acc_handling();
475         break;

```

```

465
466         case 8:
467             h.leave();
468             break;
469
470         case 9:
471             h.salary();
472             System.out.println("\nJob done by Manager");
473             h.acc_handling();
474             break;
475
476     }
477 }while(ch!=10);
478 System.out.println("Do visit us again!\nTHANK YOU!");
479 }
480 }
481

```

```

package com.hotel.management;
import java.io.*;
import java.util.*;
interface Customer
{
    public void Information();
    public void payment();
}

interface Room_service
{
    public void workload();
    public void leave();
    public void salary();
}

interface Manager
{
    public void acc_handling();
}

interface Hotel_1 extends Customer,Room_service,Manager
{
    public void Information();
    public void payment();
    public void workload();
    public void leave();
    public void salary();
    public void acc_handling();
}

abstract class Management implements Hotel_1
{
    public void Information()
    {
        System.out.println("***CUSTOMER'S INFORMATION** ");
        System.out.println("Customer's information is successfully
entered in record");
        System.out.println("-----
----");
    }

    public void payment()
    {
        System.out.println("***PAYMENT OPTIONS**");
        System.out.println("Customer can choose any payment options
from below list: ");
    }
}

```

```

        System.out.println("1.ONLINE MODE ");
        System.out.println("2.CASH ");
        System.out.println("3.DEBIT/CREDIT CARD ");
        System.out.println("-----");
----");
    }

    public void workload()
    {
        System.out.println("***WORKLOAD OF HOTEL EMPLOYEES**");
        System.out.println("Room service is available 24/7 ");
        System.out.println("Helper works 9 hours per day ");
        System.out.println("Hotel staff works 11 hours per day ");
        System.out.println("-----");
----");
    }

    public void leave()
    {
        System.out.println("Hotel employees take leave for: ");
        System.out.println("1. EMERGENCY LEAVE ");
        System.out.println("2. SICK LEAVE ");
        System.out.println("3. EARNED LEAVE ");
        System.out.println("-----");
----");
    }

    public void salary()
    {
        System.out.println("***SALARY**");
        System.out.println("1.Manager- Rs 35,000/month ");
        System.out.println("2.Hotel Staff- Rs 15,000/month ");
        System.out.println("3.Chef- Rs 20,000/month ");
        System.out.println("4.Helper- Rs 10,000/month ");
        System.out.println("-----");
----");
    }

    public void acc_handling()
    {
        System.out.println("Manager looks after account handling ");
        System.out.println("Manager takes care of inconvenience issue
raised by customer");
        System.out.println("Manager manages employees and for planning,
coordinating hotel services");
        System.out.println("-----");
----");
    }
}

public class Hotel extends Management{
    String f_name,l_name;
    int id;
    String id_num;
    String email;
    long mob_no;
    void accept()
    {
        Scanner s = new Scanner(System.in);
        System.out.print("\nEnter first name of the customer:");
        f_name = s.next();
        System.out.print("\nEnter last name of the customer:");
        l_name = s.next();
        System.out.print("\nEnter mobile number of the customer:");
        mob_no = s.nextLong();
    }
}

```

```

        System.out.print("\nEnter email id of the customer:");
        email = s.next();
        System.out.println("Select type of id proof:\n1)Aadhar
card\n2)Passport\n3)Driving License\n4)Pan card");
        System.out.print("\nEnter choice:");
        id = s.nextInt();
        System.out.print("\nEnter the id number:");
        id_num = s.next();
    }
    void calculation(int days)
    {
        int room_price = 3000;
        System.out.println("Selected room type is default");
        System.out.print("Bill generated for default days(one
day):Rs."+room_price*days+"/-");
    }
    void food()
    {
        Scanner sc = new Scanner(System.in);
        System.out.println("Welcome to Rosewood Restaurant");
        System.out.println("1. Chicken Dishes");
        System.out.println("2. Vegetarian Dishes");
        System.out.println("3. Starters");
        System.out.println("4. Indian Bread");
        System.out.println("5.Chinese food");
        System.out.println("Enter your choice");
        int choice = sc.nextInt();
        switch(choice)
        {
            case 1:
                ChickenDishes cd = new ChickenDishes();
                cd.chickenDishes();
                break;
            case 2:
                VegetarianDishes vd = new VegetarianDishes();
                vd.vegetarianDishes();
                break;
            case 3:
                Starters s = new Starters();
                s.starters();
                break;
            case 4:
                IndianBread ib = new IndianBread();
                ib.indianBread();
                break;
            case 5:
                Chinesefood cf = new Chinesefood();
                cf.Chinese_food();
                break;
            default:
                System.out.println("Invalid Choice");
        }
    }
}

class Luxury extends Hotel{
    void calculation(int num_rooms,int days)
    {
        int room_price = 7500;
        System.out.println("Selected room type is Luxury");
    }
}

```

```

        System.out.print("Bill
generated:Rs."+num_rooms*days*room_price+"/-");
    }
}
class Deluxe extends Hotel{
    void calculation(int num_rooms,int days)
    {
        int room_price = 6000;
        System.out.print("Selected room type is Deluxe");
        System.out.print("Bill
generated:Rs."+num_rooms*days*room_price+"/-");
    }
}
class Regular extends Hotel{
    void calculation(int num_rooms,int days)
    {
        int room_price = 6000;
        System.out.println("Selected room type is Regular");
        System.out.print("Bill
generated:Rs."+num_rooms*days*room_price+"/-");
    }
}

class ChickenDishes
{
    void chickenDishes()
    {
        System.out.println("1. Chicken Tikka Masala");
        System.out.println("2. Chicken Korma");
        System.out.println("3. Butter Chicken");
        System.out.println("4. Chicken Biryani");
        System.out.println("5. Chicken Jalfrezi");
        System.out.println("Enter your choice");
        Scanner sc = new Scanner(System.in);
        int choice = sc.nextInt();
        switch(choice)
        {
            case 1:
                System.out.println("Chicken Tikka Masala");
                System.out.println("Price: Rs. 300");
                break;
            case 2:
                System.out.println("Chicken Korma");
                System.out.println("Price: Rs. 250");
                break;
            case 3:
                System.out.println("Butter Chicken");
                System.out.println("Price: Rs. 350");
                break;
            case 4:
                System.out.println("Chicken Biryani");
                System.out.println("Price: Rs. 400");
                break;
            case 5:
                System.out.println("Chicken Jalfrezi");
                System.out.println("Price: Rs. 300");
                break;
            default:
                System.out.println("Invalid Choice");
        }
    }
}

```

```

}

class VegetarianDishes
{
    void vegetarianDishes()
    {
        System.out.println("1. Paneer Tikka Masala");
        System.out.println("2. Aloo Gobi");
        System.out.println("3. Chana Masala");
        System.out.println("4. Dal Makhani");
        System.out.println("5. Palak Paneer");
        System.out.println("Enter your choice");
        Scanner sc = new Scanner(System.in);
        int choice = sc.nextInt();
        switch(choice)
        {
            case 1:
                System.out.println("Paneer Tikka Masala");
                System.out.println("Price: Rs. 250");
                break;
            case 2:
                System.out.println("Aloo Gobi");
                System.out.println("Price: Rs. 200");
                break;
            case 3:
                System.out.println("Chana Masala");
                System.out.println("Price: Rs. 200");
                break;
            case 4:
                System.out.println("Dal Makhani");
                System.out.println("Price: Rs. 200");
                break;
            case 5:
                System.out.println("Palak Paneer");
                System.out.println("Price: Rs. 250");
                break;
            default:
                System.out.println("Invalid Choice");
        }
    }
}

class Starters
{
    void starters()
    {
        System.out.println("1. Onion Bhaji");
        System.out.println("2. Samosa");
        System.out.println("3. Pakora");
        System.out.println("4. Vegetable Cutlets");
        System.out.println("5. Paneer Tikka");
        System.out.println("Enter your choice");
        Scanner sc = new Scanner(System.in);
        int choice = sc.nextInt();
        switch(choice)
        {
            case 1:
                System.out.println("Onion Bhaji");
                System.out.println("Price: Rs. 100");
                break;
            case 2:

```

```

        System.out.println("Samosa");
        System.out.println("Price: Rs. 50");
        break;
    case 3:
        System.out.println("Pakora");
        System.out.println("Price: Rs. 50");
        break;
    case 4:
        System.out.println("Vegetable Cutlets");
        System.out.println("Price: Rs. 100");
        break;
    case 5:
        System.out.println("Paneer Tikka");
        System.out.println("Price: Rs. 150");
        break;
    default:
        System.out.println("Invalid Choice");
    }
}

}

class IndianBread
{
    void indianBread()
    {
        System.out.println("1. Naan");
        System.out.println("2. Roti");
        System.out.println("3. Paratha");
        System.out.println("4. Kulcha");
        System.out.println("5. Poori");
        System.out.println("Enter your choice");
        Scanner sc = new Scanner(System.in);
        int choice = sc.nextInt();
        switch(choice)
        {
            case 1:
                System.out.println("Naan");
                System.out.println("Price: Rs. 50");
                break;
            case 2:
                System.out.println("Roti");
                System.out.println("Price: Rs. 20");
                break;
            case 3:
                System.out.println("Paratha");
                System.out.println("Price: Rs. 30");
                break;
            case 4:
                System.out.println("Kulcha");
                System.out.println("Price: Rs. 40");
                break;
            case 5:
                System.out.println("Poori");
                System.out.println("Price: Rs. 30");
                break;
            default:
                System.out.println("Invalid Choice");
        }
    }
}

```

```

class Chinesefood
{
    void Chinese_food()
    {
        System.out.println("1.Manchow soup ");
        System.out.println("2.Chicken Fried Rice");
        System.out.println("3.Fried Rice");
        System.out.println("4.Hakka Noodles");
        System.out.println("5.Manchurian");
        System.out.println("Enter your choice");
        Scanner sc = new Scanner(System.in);
        int choice = sc.nextInt();
        switch(choice)
        {
            case 1:
                System.out.println("Manchow soup");
                System.out.println("Price: Rs. 100");
                break;
            case 2:
                System.out.println("Chicken Fried Rice");
                System.out.println("Price: Rs. 250");
                break;
            case 3:
                System.out.println("Fried Rice");
                System.out.println("Price: Rs. 300");
                break;
            case 4:
                System.out.println("Hakka Noodles");
                System.out.println("Price: Rs. 200");
                break;
            case 5:
                System.out.println("Manchurian");
                System.out.println("Price: Rs. 200");
                break;
            default:
                System.out.println("Invalid Choice");
        }
    }
}

class Execution extends Exception{
    private static final Exception NullPointerException = null;
    public static void ValidNumRooms(int num_rooms) throws
Exception{//custom exception handling
        if(num_rooms>=1)
        {
            System.out.println("Entered number of rooms is valid");
        }
        else
        {
            throw NullPointerException;
        }
    }
    public static void main(String[] args) throws Exception
    {
        Scanner s = new Scanner(System.in);
        Hotel h = new Hotel();
        Luxury l = new Luxury();
        Deluxe d = new Deluxe();
        Regular r = new Regular();
        int ch = 0;
    }
}

```



```

        System.out.print("\nEnter number of days you prefer
to stay:");

        days = s.nextInt();
        l.calculation(num_rooms, days);
        break;

    case 5:
        h.food();
        break;

    case 6:
        h.Information();
        h.payment();
        break;

    case 7:
        h.workload();
        break;

    case 8:
        h.leave();
        break;

    case 9:
        h.salary();
        System.out.println("\nJob done by Manager");
        h.acc_handling();
        break;

    }
    while(ch!=10);
    System.out.println("Do visit us again!\nTHANK YOU!");
}
}

```

Output

```

  _ _ _ _ _ \ \ / _ _ _ _ _ \
  \| _ _ _ _ _ \| \ / _ _ _ _ _ /

WELCOME TO ROSEWOOD HOTELS AND RESORTS
_____Where cozy memory lasts_____

CHOOSE AN OPTION TO PROCEED FURTHER
___Bill generation___
1)For default suite
2)For regular suite
3)For Deluxe suite
4)For Luxury Suite
5)Order Food
6)Payment Process
7)Workload
8)Leave availables for employees
9)Displaying Salary
10)EXIT

```

Enter your choice:1

Enter first name of the customer:Gauri

Enter last name of the customer:Kardekar

Enter mobile number of the customer:1234567890

Enter email id of the customer:gk123@gmail.com

Select type of id proof:

- 1)Aadhar card
- 2)Passport
- 3)Driving License
- 4)Pan card

Enter choice:1

Enter the id number:123456789012

Enter number of days you prefer to stay:3

Selected room type is default

Bill generated for default days(one day):Rs.9000/-

CHOOSE AN OPTION TO PROCEED FURTHER

Bill generation

- 1)For default suite
- 2)For regular suite
- 3)For Deluxe suite
- 4)For Luxury Suite
- 5)Order Food
- 6)Payment Process
- 7)Workload
- 8)Leave availables for employees
- 9)Displaying Salary
- 10)EXIT

Enter your choice:4

Enter first name of the customer:Gauri

Enter last name of the customer:Kardekar

Enter mobile number of the customer:1234567890

Enter email id of the customer:gk12@yahoo.com

Select type of id proof:

- 1)Aadhar card
- 2)Passport
- 3)Driving License
- 4)Pan card

Enter choice:2

Enter the id number:WQ123455

Enter number of rooms you want to book:2

Entered number of rooms is valid

Enter number of days you prefer to stay:5

Selected room type is Luxury

Bill generated:Rs.75000/-

CHOOSE AN OPTION TO PROCEED FURTHER

____Bill generation____
1)For default suite
2)For regular suite
3)For Deluxe suite
4)For Luxury Suite
5)Order Food
6)Payment Process
7)Workload
8)Leave availables for employees
9)Displaying Salary
10)EXIT

Enter your choice:5
Welcome to Rosewood Restaurant

1. Chicken Dishes
2. Vegetarian Dishes
3. Starters
4. Indian Bread
5.Chinese food
Enter your choice

1
1. Chicken Tikka Masala
2. Chicken Korma
3. Butter Chicken
4. Chicken Biryani
5. Chicken Jalfrezi
Enter your choice

4
Chicken Biryani
Price: Rs. 400

CHOOSE AN OPTION TO PROCEED FURTHER

____Bill generation____
1)For default suite
2)For regular suite
3)For Deluxe suite
4)For Luxury Suite
5)Order Food
6)Payment Process
7)Workload
8)Leave availables for employees
9)Displaying Salary
10)EXIT

Enter your choice:6
CUSTOMER'S INFORMATION
Customer's information is successfully entered in record

PAYMENT OPTIONS
Customer can choose any payment options from below list:
1.ONLINE MODE
2.CASH
3.DEBIT/CREDIT CARD

CHOOSE AN OPTION TO PROCEED FURTHER

____Bill generation____
1)For default suite
2)For regular suite
3)For Deluxe suite
4)For Luxury Suite

- 5)Order Food
- 6)Payment Process
- 7)Workload
- 8)Leave availables for employees
- 9)Displaying Salary
- 10)EXIT

Enter your choice:7

****WORKLOAD OF HOTEL EMPLOYEES****

Room service is available 24/7

Helper works 9 hours per day

Hotel staff works 11 hours per day

CHOOSE AN OPTION TO PROCEED FURTHER

Bill generation

- 1)For default suite
- 2)For regular suite
- 3)For Deluxe suite
- 4)For Luxury Suite
- 5)Order Food
- 6)Payment Process
- 7)Workload
- 8)Leave availables for employees
- 9)Displaying Salary
- 10)EXIT

Enter your choice:8

Hotel employees take leave for:

- 1. EMERGENCY LEAVE
- 2. SICK LEAVE
- 3. EARNED LEAVE

CHOOSE AN OPTION TO PROCEED FURTHER

Bill generation

- 1)For default suite
- 2)For regular suite
- 3)For Deluxe suite
- 4)For Luxury Suite
- 5)Order Food
- 6)Payment Process
- 7)Workload
- 8)Leave availables for employees
- 9)Displaying Salary
- 10)EXIT

Enter your choice:9

****SALARY****

- 1.Manager- Rs 35,000/month
- 2.Hotel Staff- Rs 15,000/month
- 3.Chef- Rs 20,000/month
- 4.Helper- Rs 10,000/month

Job done by Manager

Manager looks after account handling

Manager takes care of inconvenience issue raised by customer

Manager manages employees and for planning, coordinating hotel services

CHOOSE AN OPTION TO PROCEED FURTHER

___Bill generation___

- 1)For default suite
- 2)For regular suite
- 3)For Deluxe suite
- 4)For Luxury Suite
- 5)Order Food
- 6)Payment Process
- 7)Workload
- 8)Leave availables for employees
- 9)Displaying Salary
- 10)EXIT

Enter your choice:3

Enter first name of the customer:Gauri

Enter last name of the customer:Kardekar

Enter mobile number of the customer:1234567890

Enter email id of the customer:gkkk@gmail.com

Select type of id proof:

- 1)Aadhar card
- 2)Passport
- 3)Driving License
- 4)Pan card

Enter choice:3

Enter the id number:12345612

Enter number of rooms you want to book:0

Exception in thread "main" java.lang.NullPointerException: Cannot throw exception because "com.hotel.management.Execution.NullPointerException" is null

at com.hotel.management.Execution.ValidNumRooms(Hotel.java:386)
at com.hotel.management.Execution.main(Hotel.java:437)

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WELCOME TO ROSEWOOD HOTELS AND RESORTS

_____Where cozy memory lasts_____

CHOOSE AN OPTION TO PROCEED FURTHER

___Bill generation___

- 1)For default suite
- 2)For regular suite
- 3)For Deluxe suite
- 4)For Luxury Suite
- 5)Order Food
- 6)Payment Process
- 7)Workload
- 8)Leave availables for employees
- 9)Displaying Salary
- 10)EXIT

Enter your choice:10
Do visit us again!
THANK YOU!