

**Coding:**

[illegible]

```

82     int ab;
83     goto ab;
84 }
85 else
86 {
87     system("cls");
88     goto c;
89 }
90 break;
91
92 case 2:                                     /* (Case 2 start from here)*/      /*22222222222222222222*/
93 cd:
94     system("cls");
95     printf("\n\n\n\n");
96     printf("-----\n");
97     printf(" | Features of Room | \n");
98     printf("-----\n");
99     printf("\n\t\t1.Presidential Suitet");
100    printf("\n\t\t2.Executive Room");
101    printf("\n\t\t3.Main menu\n");
102    printf("\n-----\n");
103    printf("\n\tSelect the type: ");
104    scanf("%d",&d);
105    if(d==1)
106    {
107        system("cls");
108        printf("\n\n\n\n");
109        printf("-----\n");
110        printf(" | For Your Comfort | \n");
111        printf("-----\n");
112        printf("\n\t1.Two oversized bedrooms with king-sized beds\n\t2.Pillow menu\n\t3.Separate living and dining areas\n\t4.Fully equipped kitchen");
113        printf("\n\n");
114        printf("\n\n");
115        system("pause");
116        system("cls");
117        printf("\n\n\n\n");
118        printf("-----\n");
119        printf(" | For Your Convenience | \n");
120        printf("-----\n");
121        printf("\n\t1.Wired and wireless high-speed Internet access\n\t2.Spare electrical outlet and power adapter\n\t3.IDD telephone and voice mail\n\t4.");
122        printf("\n\n");
123        printf("\n\n");
124        system("pause");
125        system("cls");
126        printf("\n\n\n\n");
127        printf("-----\n");
128        printf(" | For Your Indulgence | \n");
129        printf("-----\n");
130        printf("\n\t1.65" SMART Television Internet Protocol television \n\t with local and cable channels in the living area\n\t2.55LCD television");
131        printf("\n\n");
132        printf("\n\n");
133        system("pause");
134        int cd;
135        goto cd;
136    }
137    else if(d==2)
138    {
139        system("cls");
140        printf("\n\n\n\n");
141        printf("-----\n");
142        printf(" | For Your Comfort | \n");
143        printf("-----\n");
144        printf("\n\t1.A choice of king-sized or twin beds\n\t2.Pillow menu\n\t3.Executive writing table and stationery set\n\t4.Ensuite bathroom with");
145        printf("\n\n");
146        printf("\n\n");
147        system("pause");
148        system("cls");
149        printf("\n\n\n\n");
150        printf("-----\n");
151        printf(" | For Your Convenience | \n");
152        printf("-----\n");
153        printf("\n\t1.Wired and wireless high-speed Internet access\n\t2.Spare electrical outlet and power adapter\n\t3.IDD telephone and voice mail\n\t4.");
154        printf("\n\n");
155        printf("\n\n");
156        system("pause");
157        system("cls");
158        printf("\n\n\n\n");
159        printf("-----\n");
160        printf(" | For Your Indulgence | \n");
161        printf("-----\n");
162        printf("\n\t1.32" LCD interactive television with local and cable \n\t channels\n\t2.DVD player\n\t3.Fully-stocked minibar\n\t4.Coffee and t");
163        printf("\n\n");
164        printf("\n\n");
165        system("pause");
166    }
167    int cd;
168    goto cd;
169 }
170 else
171 {
172     system("cls");
173     goto c;
174 }
175 break;
176
177 case 3:                                     /* (Case 3 start from here)*/      /*33333333333333333333 */
178 ab:
179     system("cls");
180     printf("\n\n\n\n");
181     printf("\n\t-----\n");
182     printf("\n\t | Room Allocation | \n");
183     printf("\n\t-----\n");
184     printf("\n\t\tTypes of room\n");
185     printf("\n\t\t1.Presidential Suitet");
186     printf("\n\t\t2.Executive Room");
187     printf("\n\t\t3.Main menu\n");

```

[illegible]

Assignment.cpp

```

287 break;
288
289 case 5:
290
291 as:
292 system("cls");
293 printf("\n\n\n\n");
294 printf("\t ----- \n");
295 printf("\t\t\t\t\t Restaurant\t\t\t\t\t | \n");
296 printf("\t\t\t\t\t Items\t\t\t\t\t | \t\t\t\t\t Price");
297 printf("\n\t\t\t\t\t 1.Chowmin\t\t\t\t\t | \t\t\t\t\t Rs: 655");
298 printf("\n\t\t\t\t\t 2.Mexican Rice\t\t\t\t\t | \t\t\t\t\t Rs: 385");
299 printf("\n\t\t\t\t\t 3.Mali Boti\t\t\t\t\t | \t\t\t\t\t Rs: 425");
300 printf("\n\t\t\t\t\t 4.ColdDrink\t\t\t\t\t | \t\t\t\t\t Rs: 65");
301 printf("\n\t\t\t\t\t 5.Pudding\t\t\t\t\t | \t\t\t\t\t Rs: 425");
302 printf("\n\t\t\t\t\t 6.Exit");
303 printf("\n\t\t\t\t\t ----- \n");
304 printf("\n\t\t\t\t\t Select the category: ");
305 scanf("%d",&d);
306 if(d==1)
307 {
308 printf("\n\t\t\t\t\t Chowmin\t\t\t\t\t | \t\t\t\t\t Rs: 655");
309 printf("\n\t\t\t\t\t Enter Room No: ");
310 scanf("%d",&d);
311 room[d-1].prc=room[d-1].prc+655;
312 int as;
313 goto as;
314 }
315 else if(d==2)
316 {
317 printf("\n\t\t\t\t\t Mexican Rice\t\t\t\t\t | \t\t\t\t\t Rs: 385");
318 printf("\n\t\t\t\t\t Enter Room No: ");
319 scanf("%d",&d);
320 room[d-1].prc=room[d-1].prc+385;
321 goto as;
322 }
323 else if(d==3)
324 {
325 printf("\n\t\t\t\t\t Mali Boti\t\t\t\t\t | \t\t\t\t\t Rs: 425");
326 printf("\n\t\t\t\t\t Enter Room No: ");
327 scanf("%d",&d);
328
329 room[d-1].prc=room[d-1].prc+425;
330 goto as;
331 }
332 else if(d==4)
333 {
334 printf("\n\t\t\t\t\t ColdDrink\t\t\t\t\t | \t\t\t\t\t Rs: 65");
335 printf("\n\t\t\t\t\t Enter Room No: ");
336 scanf("%d",&d);
337 room[d-1].prc=room[d-1].prc+65;
338 goto as;
339 }
340 else if(d==5)
341 {
342 printf("\n\t\t\t\t\t Pudding\t\t\t\t\t | \t\t\t\t\t Rs: 425");
343 printf("\n\t\t\t\t\t Enter Room No: ");
344 scanf("%d",&d);
345 room[d-1].prc=room[d-1].prc+425;
346 goto as;
347 }
348 else
349 {
350 system("cls");
351 goto c;
352 }
353 break;
354
355 case 6:
356
357 system("cls");
358 printf("\n\n\n\n");
359 printf("\t ----- \n");
360 printf("\t\t\t\t\t Cancellation\t\t\t\t\t | \n");
361 printf("\t\t\t\t\t ----- \n");
362 printf("\n\t\t\t\t\t Enter the room no: ");
363 scanf("%d",&z);
364 printf("\n\t\t\t\t\t Name: %s",strcpy(room[z-1].name,b));
365 printf("\n\t\t\t\t\t Nationality: %s",strcpy(room[z-1].nat,b));
366 printf("\n\t\t\t\t\t Stay for %d days",room[z-1].day=0);
367 printf("\n\t\t\t\t\t Date:");
368 printf("\n\t\t\t\t\t From: %s",strcpy(room[z-1].from,b));
369 printf("\n\t\t\t\t\t To: %s",strcpy(room[z-1].to,b));

```

Assignment.cpp

```

371 printf("\n\t\tTotal price: %d",room[z-1].prc*0);
372 room[z-1].cnt=0;
373 printf("\n ----- \n");
374 printf("\n\tPress 1 for main menu: ");
375 scanf("%d",&d);
376 if(d==1)
377 {
378     system("cls");
379     goto c;
380 }
381 break;
382
383 case 7: /* (Case 7 start from here)*/ /*77777777777777777777*/
384     system("cls");
385     printf("\n\n\n\n");
386     printf("\t ----- \n");
387     printf("\t\t\t\t\tRoom Deallocation\t\t\t\t\t\n");
388     printf("\t ----- \n");
389     printf("\n");
390     printf("\n\t\tEnter the room no: ");
391     scanf("%d",&z);
392     printf("\n\t\tName: %s",room[z-1].name);
393     printf("\n\t\tNationality: %s",room[z-1].nat);
394     printf("\n\t\tStay for %d days",room[z-1].day);
395     printf("\n\t\tDate:");
396     printf("\n\t\tFrom: %s",room[z-1].from);
397     printf("\n\t\tTo: %s",room[z-1].to);
398     printf("\n\t\tTotal price: %d",room[z-1].prc);
399     printf("\n\t\tThanks for staying here");
400     printf("\n\n ----- \n");
401     strcpy(room[z-1].name,b);
402     strcpy(room[z-1].nat,b);
403     room[z-1].day=0;
404     strcpy(room[z-1].from,b);
405     strcpy(room[z-1].to,b);
406     room[z-1].prc=0;
407     room[z-1].cnt=0;
408     printf("\n\tPress 1 for main menu: ");
409     scanf("%d",&d);
410     if(d==1)
411     {
412         system("cls");
413         goto c;
414     }
415     break;
416
417 case 8: /* (Case 8 start from here)*/ /*88888888888888888888*/
418     return 0;
419     break;
420 }
421 }
422 }
423 }

```

**Output:**Enter 1

```

H:\Assignment.exe

*****
*                                     *
*           Welcome TO Umair And Hassan Hotel           *
*                                     *
*****

-----
|                                     |
|           Choose a category           |
|                                     |
|           1.Get availability           |
|           2.Features of room           |
|           3.Room Allocation           |
|           4.Show Customer Details     |
|           5.Restaurant                 |
|           6.Cancellation               |
|           7.Room Deallocation          |
|           8.Exit                       |
|                                     |
-----

Enter the category you want to select: 1

```

```

H:\Assignment.exe

-----
|                                     |
|           Room Availability           |
|                                     |
-----

Room No | Room Type | Charges | Total | Available
-----
1       | Predntl Suite | 9,800 | 09 | 6
2       | Exctive Room | 6,500 | 11 | 4
-----

Press any key to continue . . .

```

H:\Assignment.exe

Rooms				
Room NO	Room Type	From	To	Name
1	Pre	15/Feb/2017	20/Feb/2017	Omair Zafar
2	Pre	13/Feb/2017	17/Feb/2017	Ahmad Ammar
3	Pre			
4	Pre			
5	Pre			
6	Pre			
7	Pre			
8	Pre			
9	Pre			
10	Exc	12/Feb/2017	16/Feb/2017	Areeb
11	Exc	12/Feb/2017	18/Feb/2017	Kashif Nazir
12	Exc	11/Feb/2017	18/Feb/2017	Sajjad Iqbal
13	Exc			
14	Exc			
15	Exc			
16	Exc			
17	Exc			
18	Exc			
19	Exc			
20	Exc			

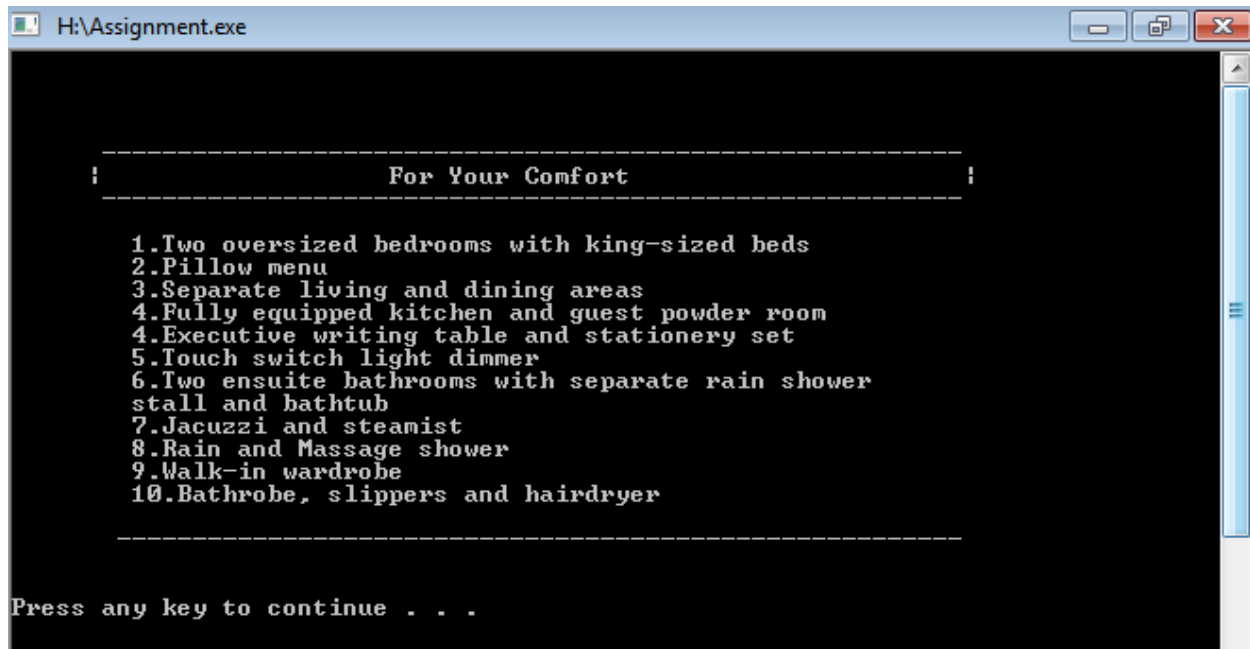
Press 1 for Room Allocation and press any No for main menu:

Enter 2

H:\Assignment.exe

Features of Room
1.Presidential Suitet
2.Executive Room
3.Main menu

Select the type:



```
H:\Assignment.exe

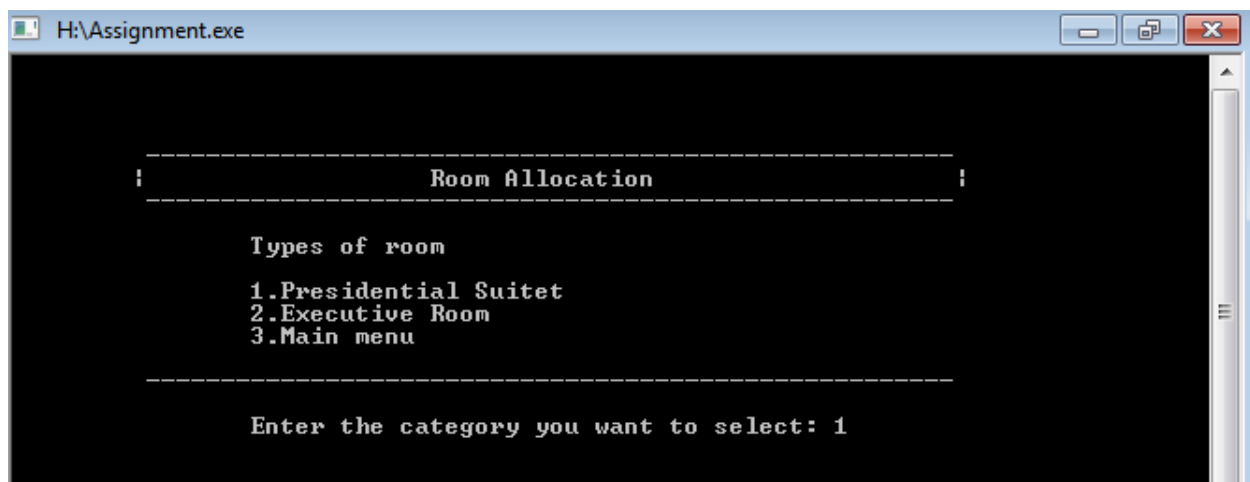
-----
:               For Your Comfort               :
-----

1.Two oversized bedrooms with king-sized beds
2.Pillow menu
3.Separate living and dining areas
4.Fully equipped kitchen and guest powder room
4.Executive writing table and stationery set
5.Touch switch light dimmer
6.Two ensuite bathrooms with separate rain shower
stall and bathtub
7.Jacuzzi and steamist
8.Rain and Massage shower
9.Walk-in wardrobe
10.Bathrobe, slippers and hairdryer

-----

Press any key to continue . . .
```

Enter 3



```
H:\Assignment.exe

-----
:               Room Allocation               :
-----

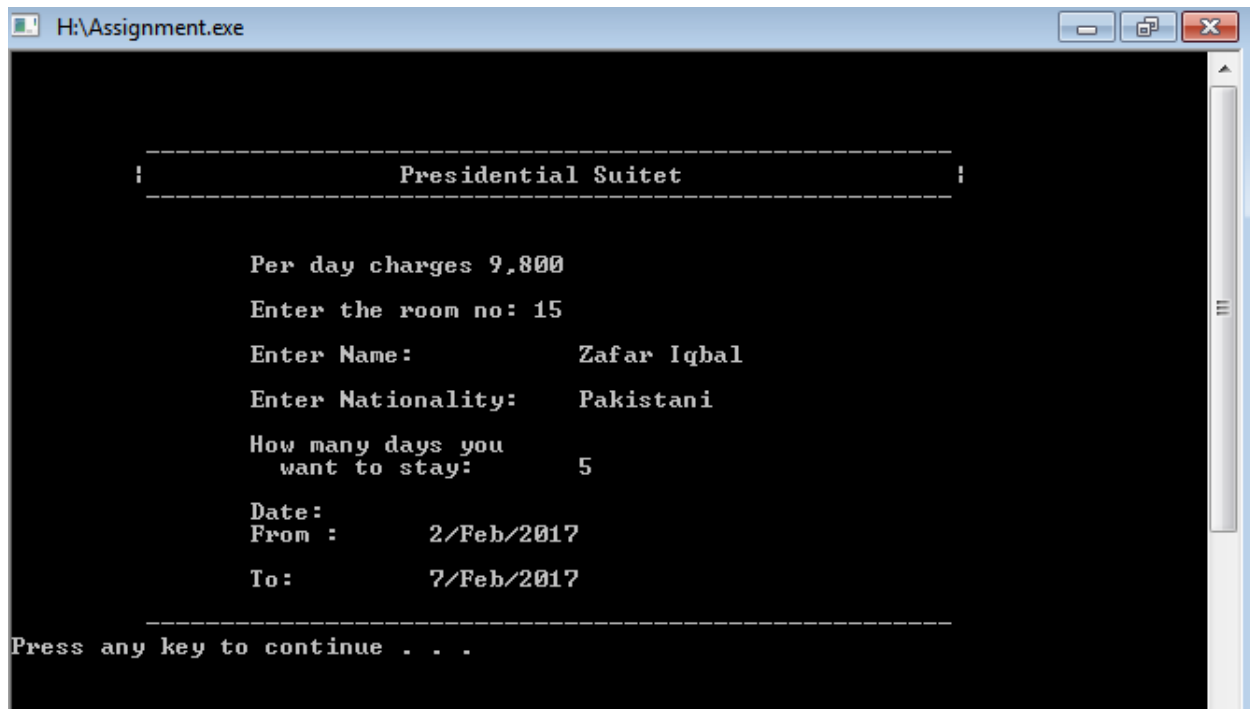
Types of room

1.Presidential Suitet
2.Executive Room
3.Main menu

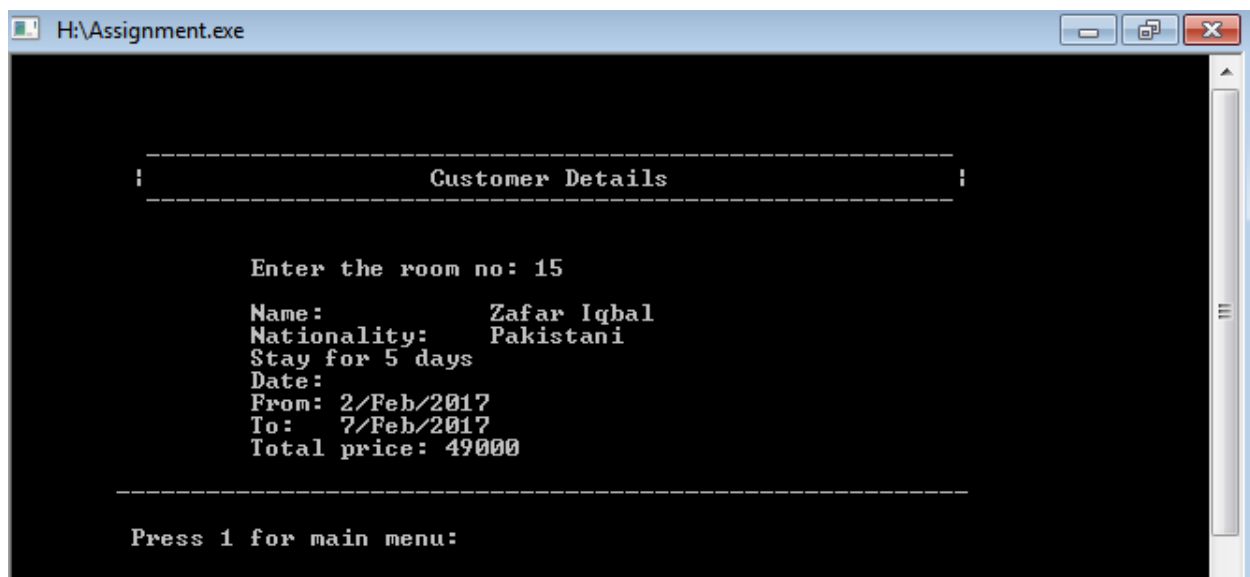
-----

Enter the category you want to select: 1
```





Enter 4





Enter 7

```

H:\Assignment.exe

-----
!                      Room Deallocation                      !
-----

Enter the room no: 15

Name:      Zafar Iqbal
Nationality: Pakistani
Stay for 5 days
Date:
From: 2/Feb/2017
To: 7/Feb/2017
Total price: 49425
Thanks for staying here

1-----

Press 1 for main menu:

```

Enter 8

```

H:\Assignment.exe

*****
*                                     *
*      Welcome TO Umair And Hassan Hotel      *
*                                     *
*****

-----
!                                     !
!      Choose a category              !
!                                     !
!      1.Get availability              !
!      2.Features of room              !
!      3.Room Allocation              !
!      4.Show Customer Details        !
!      5.Restaurant                   !
!      6.Cancellation                 !
!      7.Room Deallocation             !
!      8.Exit                         !
!                                     !
-----

Enter the category you want to select: 8

-----
Process exited after 6.245 seconds with return value 0
Press any key to continue . . .

```