//Hotel Management System Mini Project C Language

#include<stdio.h>

#include<string.h>

struct ginfo

{ int gid;

int rno;

char gname[50];

char gnat[30];

int gnum;

char rtype[25];

char paytype[15];

char gstat[30];

}

e[100];

int m,i,j=0,x=0,res=0,tot;

void add();

void del();

int main()

{

int a,i;

printf("\n");

printf("\*\*\*\*\*\*Poski Hotel Management System\*\*\*\*\*\*\n");

printf("\n");

while(a!=3)

{

printf(" \*\*\*\*\*MENU\*\*\*\*\* \n\n");

printf("1. Add Guest Information\n");

printf("2. Delete Guest Information\n\n");

printf(" Choose Option: ");

scanf("%d",&a);

if(a==1)

{

add();

}

else if(a==2)

{

del();

}

else

{

printf("\n\n\*\*\*Invalid Choice\*\*\* Try again");

}

printf("\n\n");

}

}

void add()

{

printf("\n\n");

printf("Total number of guests:%d \n",tot);

printf("Enter number of guests to be add? \n");

scanf(" %d",&m);

res=m+tot;

for(i=tot,j=0; i<res; i++)

{

printf("\n");

printf("Enter Guest ID = \n");

scanf("%d",e[i].gid);

printf("Enter Room Number = \n");

scanf("%d",e[i].rno);

printf("Enter Guest Name = \n");

scanf("%s",e[i].gname);

printf("Enter Guest Nationality = \n");

scanf("%s",e[i].gnat);

printf("Enter Guest Phone Number = \n");

scanf("%d",e[i].gnum);

printf("Enter Room Type = \n");

scanf("%s",e[i].rtype);

printf("Enter Payment Type = \n");

scanf("%s",&e[i].paytype);

printf("Enter Guest Status = \n");

scanf("%s",&e[i].gstat);

printf("\n");

j++;

x++;

tot++;

}

}

void del()

{

int q,p;

printf("Enter the ID of Guest to delete = ");

scanf("%d",&q);

if(q<tot)

{

printf("Enter choice: \n");

printf("1. Remove Guest Name\n2. Remove Mobile Number\n3. Remove Status\nYour choice = ");

scanf("%d",&c);

if(p==1||p==2||p==3)

{

printf("Deleted");

}

else printf("Invalid Choice");

}

else

printf("\n\nInvalid Serial number\n");

}