**MAIN MODULE :**

#include "booking.h"

#include "stock.h"

#include "employee.h"

#include<stdio.h>

#include<string.h>

#include <stdlib.h>

#include<time.h>

int main()

{

   int choice,i;char user[10];

   char pass[30];

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

   printf("\t\t\t\t\t\t \*\*\*VSG KTM\*\*\*\n\n\n");\

   time\_t t;   // not a primitive datatype

   time(&t);

   printf("\t\t\t\t\t\t\t\t\t\t\t  %s", ctime(&t));

   printf("\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\n");

printf("   \_\_\_\_\_\_\_\_\_\_\_\_\_\_¶\_\_\_\_\_\n");

printf("\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_¶¶¶\_\_\_\_ \n");

printf("\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_¶¶¶¶¶\_\_\_\n");

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printf("\_\_\_\_¶¶¶¶¶¶¶¶¶¶¶¶¶¶¶¶¶¶¶¶¶¶¶¶¶¶¶¶\t\t\t\t\t\tCreated by:(\*HACK O’ HOLICS\*)\n");

printf("\_\_\_\_\_¶¶¶¶¶¶¶¶¶¶¶\_¶\_¶\_¶¶¶¶¶¶¶¶¶\t\t\t\t\t\t\t\t\*Aswin Karthik\n");

printf("\_\_\_\_\_\_\_\_¶¶¶¶¶¶¶\_\_¶¶¶\_¶¶¶¶¶¶\_\_\t\t\t\t\t\t\t\t\*Joshua Joseph PS\n");

printf("\_\_\_\_\_\_\_\_\_¶¶¶¶¶\_¶¶¶¶¶¶\_\_¶¶¶\_\_\_\t\t\t\t\t\t\t\t\*Sabari RS\n");

printf("\_\_\_\_\_\_\_\_\_¶¶¶\_\_¶¶¶¶¶¶¶¶\_¶¶¶\_\_\_\t\t\t\t\t\t\t\t\*Padmanaban P\n");

printf("\_\_\_\_\_\_\_\_\_¶¶\_\_¶¶¶¶¶¶¶¶¶¶\_\_¶¶\_\_\t\t\t\t\t\t\t\t\*Suriya Prakash A\n");

printf("\_\_\_\_\_\_\_\_¶¶¶\_¶¶¶¶¶¶¶¶¶¶¶\_¶¶¶\_\_\t\t\t\t\t\t\t\t\*Rekha R\n");

printf("\_\_\_\_\_\_\_¶¶¶\_¶¶¶¶¶\_\_\_¶¶¶¶¶¶\_¶¶\_\t\t\t\t\t\t\t\t\*Divya dharshini\n");

printf("\_\_\_\_\_\_\_¶¶¶¶¶¶\_\_\_\_\_\_\_\_\_¶¶¶¶¶¶\_\n");

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printf("\_\_\_\_\_\_¶¶¶\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_¶¶¶\n");

   printf("\t\t\t\t\t\tLOADING LOGIN SCREEN");

 for(i=0;i<9900000;i++)

                {

                 printf("......");

                 printf("\b\b\b\b\b\b");

                }

system("clear");

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printf("─────────────────────────────█████████──\n");

printf("\n");

while(1){

printf("\t\t\t\t\tEnter user: ");

scanf("%s",user);

 if(strcmp(user,"admin")==0)

   {

    printf("\n\t\t\t\t\tEnter the password: ");

    scanf("%s",pass);

    if(strcmp("admin123",pass)==0)

    {

        do{

         system("clear");

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

         printf("\t\t\tADMIN MAINTENANCE\n");

         printf("\t\t1.Employee details\n\t\t2.Stock details\n\t\t3.Booking details\n\t\t4.Exit\n\t\tEnter your choice ---> ");

         scanf("%d",&choice);

         switch(choice)

         {

             case 1:emp();

              for(i=0;i<1000;i++)

                {

                 printf("...");

                 printf("\b\b\b");

                }

                 break;

             case 2:view();

    //system("clear");

                 Abreak;

             case 3:book();

    //system("clear");

                 break;

             case 4:

    exit(0);

               default:

    printf("\t\t\tInvalid choice\n");

    break;

         }}while(1);

    if(choice==4)

         {

               for(i=0;i<1000;i++)

           {

              printf("...");

              printf("\b\b\b");

           }

              return 0;

         }

    }

     else

           {

               printf("\t\t\t\t\tINVALID PASSWORD\n\n");

    system("clear");

           }

}

else if(strcmp(user,"manager")==0)

{

           printf("\t\t\t\t\tEnter password: ");

           scanf("%s",pass);

           if(strcmp("manager123",pass)==0)

           {

            printf("LOADING");

           for(i=0;i<1000;i++)

           {

              printf("...");

              printf("\b\b\b");

           }

    do{

           system("clear");

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

           printf("\t\t\tSHOWROOM MAINTENANCE\n");

           printf("\t\t1.Employee details\n\t\t2.Stock details\n\t\t3.Booking details\n\t\t4.Exit\n\t\tEnter your choice ---> ");

           scanf("%d",&choice);

             switch(choice)

             {

             case 1:emp();

                 break;

             case 2:view();

                 break;

             case 3:book();

                 break;

    case 4:exit(0);

      default:

    printf("\t\t\tInvalid choice\n");

    break;

                           }

             /\*printf("\t\t1.Employee details\n\t\t2.Stock details\n\t\t3.Booking details\n\t\t4.Exit");

             scanf("%d",&choice);\*/

           }while(1);

           if(choice==4)

           {

              return 0;

           }

           }

           else

           {

               printf("\t\t\t\t\tINVALID PASSWORD\n\n");

    system("clear");

           }

    }

    else if(emp\_nsearch(user)==1)

    {

    do{

           system("clear");

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

           printf("\t\t\tSHOWROOM MAINTENANCE\n");

           printf("\t\t1.Stock details\n\t\t2.Booking details\n\t\t3.Exit\n\t\tEnter your choice ---> ");

           scanf("%d",&choice);

             switch(choice)

             {

             case 1:view();

                 break;

             case 2:book();

                 break;

    case 3:

    exit(0);

             default:

    printf("\t\t\tInvalid choice\n");

    break;

             }

           }while(1);

           if(choice==3)

           {

              return 0;

           }

    }

    else

     {

           printf("\n\n\t\t\t\tInvaid User\n");

    system("clear");

           continue;

      }

}

}

**EMPLOYEE MODULE :**

#include<stdio.h>

#include<string.h>

#include<stdlib.h>

struct employee

{

    char id[5],name[30],addr[50],phno[15];

    char doj[15],quali[25],desig[20];

    int sal,age;

}s1,m;

void emp\_add()

{

    FILE \*f;

    f=fopen("Employee.dat","ab");

    printf("\n\n\t\t\t\t-ADDING EMPLOYEE DETAILS-\n");

    printf("\nEnter the employee name : ");

    scanf("  %[^\n]s",m.name);

    printf("Enter the address : ");

    scanf("  %[^\n]s",m.addr);

    printf("Enter the phone number : ");

    scanf("  %[^\n]s",m.phno);

    printf("Enter the employee qualification : ");

    scanf("  %[^\n]s",m.quali);

    printf("Enter the date of joining : ");

    scanf("  %[^\n]s",m.doj);

    printf("Enter the designation : ");

    scanf("  %[^\n]s",m.desig);

    printf("Enter the employee age : ");

    scanf("%d",&m.age);

    printf("Enter the salary : ");

    scanf("%d",&m.sal);

    m.id[0]=m.name[2];

    m.id[1]=m.phno[4];

    m.id[2]=m.doj[0];

    m.id[3]=m.doj[1];

    m.id[4]='\0';

    fwrite(&m,sizeof(m),1,f);

    printf("\n\n\t\tEmployee Details Has Been Saved....");

    fclose(f);

}

void emp\_read()

{

    FILE \*f;

    char x;

    f=fopen("Employee.dat","rb");

    if(f==NULL)

    {

    printf("\nNo such file exits....");

    return;

    }

    printf("\n\n\t\t\t\t-DISPLAYING EMPLOYEE DETAILS-\n");

    fseek(f,0,SEEK\_SET);

    if(fread(&s1,sizeof(s1),1,f)==0)

    {

    printf("\nNo Records to display....");

    return;

    }

    fseek(f,0,0);

    while(fread(&s1,sizeof(s1),1,f)>0)

    {

    printf("  Id    : %s\n",s1.id);

    printf(" Name   : %s\n",s1.name);

    printf(" Age    : %d\n",s1.age);

    printf("   Address  : %s\n",s1.addr);

    printf("   Salary   : %d\n",s1.sal);

    printf("  Phone No. : %s\n",s1.phno);

    printf("Date Of Joining : %s\n",s1.doj);

    printf("  Qualificaton  : %s\n",s1.quali);

    printf("  Designation   : %s\n\n\n",s1.desig);

    }

    scanf("%c",&x);

    fclose(f);

}

void emp\_update()

{

    FILE \*f;

    f=fopen("Employee.dat","rb+");

    if(f==NULL)

    {

    printf("\nNo such file exits....");

    return;

    }

    char id1[4];

    int fl=0;

    printf("\n\n\t\t\t\t-UPDATING EMPLOYEE DETAILS-\n");

    if(fread(&s1,sizeof(s1),1,f)==0)

    {

    printf("\nNo records to be Searched...");

    return;

    }

    printf("\nEnter the id to UPDATE the details : ");

    scanf(" %s ",id1);

    fseek(f,0,0);

    while(fread(&s1,sizeof(s1),1,f)>0)

    {

    if(strcmp(id1,s1.id)==0)

    {

    printf("\n-The Details To Be Updated-\n");

    printf("  Id    : %s\n",s1.id);

    printf(" Name   : %s\n",s1.name);

    printf(" Age    : %d\n",s1.age);

    printf("   Address  : %s\n",s1.addr);

    printf("   Salary   : %d\n",s1.sal);

    printf("  Phone No. : %s\n",s1.phno);

    printf("Date Of Joining : %s\n",s1.doj);

    printf("  Designation   : %s\n",s1.desig);

    printf("  Qualificaton  : %s\n\n\n",s1.quali);

    printf("\n-Enter the updated data-\n");

    printf("\nEnter the employee name : ");

    scanf("  %[^\n]s",m.name);

    printf("Enter the address : ");

    scanf("  %[^\n]s",m.addr);

    printf("Enter the phone number : ");

    scanf("  %[^\n]s",m.phno);

    printf("Enter the employee qualification : ");

    scanf("  %[^\n]s",m.quali);

    printf("Enter the date of joining : ");

    scanf("  %[^\n]s",m.doj);

    printf("Enter the designation : ");

    scanf("  %[^\n]s",m.desig);

    printf("Enter the employee age : ");

    scanf("%d",&m.age);

    printf("Enter the salary : ");

    scanf("%d",&m.sal);

    m.id[0]=m.name[2];

    m.id[1]=m.phno[4];

    m.id[2]=m.doj[0];

    m.id[3]=m.doj[1];

    m.id[4]='\0';

    fseek(f,-(sizeof(m)),SEEK\_CUR);

    fwrite(&m,sizeof(m),1,f);

    fl=1;

    break;

    }

    }

    if(fl==0)

    printf("\nRecord not found....");

    else

    printf("\n\n\t\tEmployee Details Has Been Updated....");

    fclose(f);

}

void emp\_delete()

{

    FILE \*f,\*k;

    f=fopen("Employee.dat","rb");

    if(f==NULL)

    {

    printf("\nNo such file exits....");

    return;

    }

    k=fopen("New.dat","wb");

    char id1[4];

    int fl=0;

    printf("\n\n\t\t\t\t-DELETING EMPLOYEE DETAILS-\n");

    if(fread(&s1,sizeof(s1),1,f)==0)

    {

    printf("\nNo records to be Deleted...");

    return;

    }

    printf("\nEnter the id to DELETE the details : ");

    scanf("%s",id1);

    fseek(f,0,0);

    while(fread(&s1,sizeof(s1),1,f)>0)

    {

    if(strcmp(id1,s1.id)==0)

    {

    printf("\n-The Details To Be Deleted-\n");

    printf("  Id    : %s\n",s1.id);

    printf(" Name   : %s\n",s1.name);

    printf(" Age    : %d\n",s1.age);

    printf("   Address  : %s\n",s1.addr);

    printf("   Salary   : %d\n",s1.sal);

    printf("  Phone No. : %s\n",s1.phno);

    printf("Date Of Joining : %s\n",s1.doj);

    printf("  Designation   : %s\n",s1.desig);

    printf("  Qualificaton  : %s\n\n\n",s1.quali);

    fl=1;

    }

    else

    fwrite(&s1,sizeof(s1),1,k);

    }

    if(fl==0)

    printf("\nRecord not found....");

    else

    printf("\n\n\t\tEmployee Details Has Been Deleted....");

    fclose(f);

    fclose(k);

    remove("Employee.dat");

    rename("New.dat","Employee.dat");

}

void emp\_search()

{

    FILE \*f;

    f=fopen("Employee.dat","rb");

    if(f==NULL)

    {

    printf("\nNo such file exits....");

    return;

    }

    char id1[4];

    int fl=0;

    printf("\n\n\t\t\t\t-SEARCHING EMPLOYEE DETAILS-\n");

    if(fread(&s1,sizeof(s1),1,f)==0)

    {

    printf("\nNo records to be Searched...");

    return;

    }

    printf("\nEnter the id to SEARCH the details : ");

    scanf("%s",id1);

    fseek(f,0,0);

    while(fread(&s1,sizeof(s1),1,f)>0)

    {

    if(strcmp(id1,s1.id)==0)

    {

    printf("\n-The Details Searched-\n");

    printf("  Id    : %s\n",s1.id);

    printf(" Name   : %s\n",s1.name);

    printf(" Age    : %d\n",s1.age);

    printf("   Address  : %s\n",s1.addr);

    printf("   Salary   : %d\n",s1.sal);

    printf("  Phone No. : %s\n",s1.phno);

    printf("Date Of Joining : %s\n",s1.doj);

    printf("  Designation   : %s\n",s1.desig);

    printf("  Qualificaton  : %s\n\n\n",s1.quali);

    fl=1;

    break;

    }

    }

    if(fl==0)

    {

    printf("\nEmployee not found....");

    }

}

int emp\_nsearch(char id1[20])

{

    FILE \*f;

    f=fopen("Employee.dat","rb");

    if(f==NULL)

    return -1;

    int fl=0;

    if(fread(&s1,sizeof(s1),1,f)==0)

    {

    return -2;

    }

    fseek(f,0,0);

    while(fread(&s1,sizeof(s1),1,f)>0)

    {

    if(strcmp(id1,s1.id)==0)

    {

    fl=1;

    return 1;

    }

    }

    if(fl==0)

    {

    return 0;

    }

}

void emp()

{

    do{

    system("clear");

    int ch;

    char x;

    printf("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

    printf("\n\t\t\tEMPLOYEE DETAILS\n");

    printf("\t\t1.Add Employee\n\t\t2.Employee Updation\n\t\t3.Employee List\n\t\t4.Delete Employee\n\t\t5.Search Employee\n\t\t6.Go back to Main Menu\n\t\t7.Exit");

    printf("\nEnter your choice : ");

    scanf("%d",&ch);

    switch(ch)

    {

    case 1:

    emp\_add();

    scanf("%c",&x);

    break;

    case 2:

    emp\_update();

    scanf("%c",&x);

    break;

    case 3:

    emp\_read();

    //scanf("%c",&x);

    getchar();

    break;

    case 4:

    emp\_delete();

    scanf("%c",&x);

    break;

    case 5:

    emp\_search();

    scanf("%c",&x);

    break;

    case 6:

    return;

    case 7:

    exit(0);

    default:

    printf("Invalid input");

    }

    }while(1);

}

**STOCK MODULE :**

#include<stdio.h>

#include<stdlib.h>

//#include<conio.h>

char c;

int stock();

int availability(int );

int price(int id);

void newstock(int id,int n);

void stockupdate(int id);

void view()

{

do{

system("clear");

int ch,id,n;

printf("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

printf("\n\t\t\t\t\*\*\*\*STOCK DETAILS\*\*\*\*\n");

printf("\n\t\t\t1.Stock details\n\t\t\t2.New stock\n\t\t\t3.Go to main menu\n\t\t\t4.Exit\n\t\tEnter your choice ---> ");

     scanf("%d",&ch);

switch(ch)

     {

         case 1:stock();

             break;

         case 2:printf("enter the id and no of stock to be updated: ");

             scanf("%d %d",&id,&n);

             newstock(id,n);

             break;

         case 3:return;

         case 4:exit(0);

         default:printf("Invalid Input");

     }

}while(1);

}

int stock(){

char buff[2555];

int p,av,id=1;

FILE \*model,\*price,\*avail;

model=fopen("model.txt","r");

price=fopen("price.txt","r");

avail=fopen("avail.txt","r");

printf("\n\*\*\*\*\*\*\*\*\*\*\*STOCK DETAILS\*\*\*\*\*\*\*\*\*\*\*\n");

printf("ID\tMODEL\tPRICE\tAvailablity\n");

while(fscanf(model,"%s",buff)!=EOF&&fscanf(price,"%d",&p)&&fscanf(avail,"%d",&av)!=EOF)

{

     printf("%d\t%s\t%d\t  %d\n",id++,buff,p,av);

}

fclose(model);

fclose(price);

fclose(avail);

printf("Enter a key to return back\n");

scanf(" %c",&c);

return 0;

}

int availability(int id)

{

int av;

FILE \*model,\*price,\*avail;

model=fopen("model.txt","r");

price=fopen("price.txt","r");

avail=fopen("avail.txt","r");

fseek(avail,id\*2-2,SEEK\_SET);

fscanf(avail,"%d",&av);

fclose(model);

fclose(price);

fclose(avail);

printf("Enter a key to return back\n");

scanf("%c",&c);

return av;

}

void stockupdate(int id)

{

int av,a[100],i=0,l;

FILE \*model,\*price,\*avail;

avail=fopen("avail.txt","r");

fseek(avail,0,SEEK\_SET);

while(fscanf(avail,"%d",&av)!=EOF){

     a[i++]=av;

}

l=i;

a[id-1]--;

fclose(avail);

avail=fopen("avail.txt","w");

for(i=0;i<l;i++)

{

      fprintf(avail,"%d ",a[i]);

}

   // printf("%d",i);

  fclose(avail);

 }

int price(int id)

{

int av,i=0,a[100];

FILE \*model,\*price,\*avail;

model=fopen("model.txt","r");

price=fopen("price.txt","r");

avail=fopen("avail.txt","r");

while(fscanf(price,"%d",&av)!=EOF){

     a[i++]=av;

}

av=a[id-1];

fseek(price,0,SEEK\_SET);

fclose(model);

fclose(price);

fclose(avail);

return av;

}

void newstock(int id,int n)

{

int av,a[100],i=0,l;

FILE \*model,\*price,\*avail;

avail=fopen("avail.txt","r");

fseek(avail,0,SEEK\_SET);

while(fscanf(avail,"%d",&av)!=EOF){

     a[i++]=av;

}

l=i;

   a[id-1]=a[id-1]+n;

fclose(avail);

avail=fopen("avail.txt","w");

for(i=0;i<l;i++)

{

      fprintf(avail,"%d ",a[i]);

}

   // printf("%d",i);

  fclose(avail);

 }

**BOOKING MODULE :**

#include<stdio.h>

#include<stdlib.h>

#include<string.h>

//#include "stock.h"

#ifndef BOOKING\_H\_INCLUDED

#define BOOKING\_H\_INCLUDED

int count=1;

struct book{

char cus\_id[5],cus\_name[100],cus\_add[150],ph\_no[10],type[10];

int rate;

int model;

}s,a,b,t,r;

void display();

void del();

void add();

//void payment(int);

int book();

int book()

{

int b\_c;

do{

    system("clear");

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

printf("\n\t\t\tCUSTOMER  BOOKING");

printf("\n1-View booking details\n2-Add a booking detail\n3-Delete a booking detail\n4-Go to main menu\n5-Exit\n\t\tEnter your choice ---> ");

scanf("%d",&b\_c);

switch(b\_c)

{

case 1:

     {

         display();

         break;

}

case 2:

     {

         add();

         break;

     }

case 3:

     {

         del();

         break;

     }

case 4:

     {

         return 0;

         break;

     }

case 5:

     {

         exit (1);

         break;

     }

default:

     printf("\n Invalid Input");

     break;

}

}while(1);

return 0;

}

void display()

{

//bk t;

int n;

printf("Enter\n1.All the customer details\n2.Specific customer details\n");

scanf("%d",&n);

FILE \*fp=fopen("booking.dat","rb+");

switch(n)

{

case 1:

     fseek(fp, 0, SEEK\_SET);

     printf("ID\t NAME\t ADDRESS\t PHONE NO.\t TYPE\t RATE\t MODEL ID\n");

      while(fread(&t,sizeof(t),1,fp)>0)

      {

         printf("\n%s\t %s\t %s\t\t %10s\t %s\t %d\t %d",t.cus\_id,t.cus\_name,t.cus\_add,t.ph\_no,t.type,t.rate,t.model);

      }

    break;

case 2:

printf("\n Enter customer id:");

char id[5];

    scanf("  %[^\n]s  ",id);

     char \*temp;

     int f=1;

       fseek(fp, 0, SEEK\_SET);

           while(fread(&t,sizeof(t),1,fp)>0)

                 {

                     if(strcmp(t.cus\_id,id)==0)

                     {

  printf("ID\t NAME\t ADDRESS\t PHONE NO.\t TYPE\t RATE\t MODEL ID\n");

          printf("\n%s\t %s\t %s\t\t %10s\t %s\t %d\t %d",t.cus\_id,t.cus\_name,t.cus\_add,t.ph\_no,t.type,t.rate,t.model);

                        f=0;

                        break;

                     }

                 }

if(f==1)

     printf("\n Record not found");

         break;

}

fclose(fp);

    printf("\nEnter a key to exit\n");

    scanf("%d",&n);

}

void add()

{

int f=0;

FILE \*fp=fopen("booking.dat","ab");

if(fp==NULL)

{

     printf("error opening file\n");

}

else

{

     printf("\nEnter customer id: ");

     scanf("  %[^\n]s",b.cus\_id);

     printf("Enter customer name: ");

     scanf("  %[^\n]s",b.cus\_name);

     printf("Enter customer address: ");

     scanf("   %[^\n]s",b.cus\_add);

     printf("Enter customer phone number: ");

     scanf("  %[^\n]s",b.ph\_no);

     printf("Enter model ID: ");

     scanf("  %d",&b.model);

     b.rate=price(b.model);

     printf("Enter the type of payment: ");

    scanf("  %[^\n]s",b.type);

     fwrite(&b,sizeof(b),1,fp);

}

fclose(fp);

}

void del()

{

    FILE \*f,\*k;

    f=fopen("booking.dat","rb");

    if(f==NULL)

    {

    printf("\nNo such file exits....");

    return;

    }

    k=fopen("New.dat","wb");

    char id[4];

    int fl=0;

//    printf("\n\n\t\t\t\t-DELETING EMPLOYEE DETAILS-\n");

    printf("\nEnter the id to DELETE the details : ");

    scanf("%s",id);

    fseek(f,0,0);

    while(fread(&s,sizeof(s),1,f)>0)

    {

    if(strcmp(id,s.cus\_id)==0)

    {

    printf("\n-The Details To Be Deleted-\n");

    printf("  Id    : %s\n",s.cus\_id);

    printf(" Name   : %s\n",s.cus\_name);

    printf("   Address  : %s\n",s.cus\_add);

    printf("  Phone No. : %s\n",s.ph\_no);

    printf(" Type    : %s\n",s.type);

    fl=1;

    }

    else

    fwrite(&s,sizeof(s),1,k);

    }

    if(f==0)

    printf("\nRecord not found....");

    else

    printf("\n\n\t\tCustomer Details Has Been Deleted....");

    fclose(f);

    fclose(k);

    remove("booking.dat");

    rename("New.dat","booking.dat");

}

#endif // BOOKING\_H\_INCLUDED