C-Project:

Program:

#include<stdio.h>

int main()

{

int ch,c,a,ticket\_no,no\_of\_tickets,MealChoice,ClassChoice;

char s;

printf("Welcome to Railway Ticket Booking\n");

do

{

printf("1.Book a ticket\n");

printf("2.Cancel a ticket\n");

printf("3.Exit\n");

printf("Enter your choice:\n");

scanf("%d",&ch);

switch(ch)

{

case 1:printf(" 1. HYD - MUMBAI:\n ");

printf(" 2. HYD - DELHI:\n ");

printf(" 3. HYD - GOA:\n");

scanf("%d",&a);

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

{

printf("1. 1st Class\n");

printf("2. 2nd Class\n");

printf("Enter your class choice: ");

scanf("%d", &ClassChoice);

switch (ClassChoice) {

case 1:

printf("1. Meal included\n");

printf("2. No meal\n");

printf("Enter your meal choice: ");

scanf("%d", &MealChoice);

switch

(MealChoice) {

case 1:

printf("Meal included in your 1st class ticket\n");

break;

case 2:

printf("No meal included in your 1st class ticket\n");

break;

default:

printf("Invalid meal choice. Please try again.\n");

break;

}

break;

case 2:

printf("Ticket booked in second class\n:");

break;

default:

printf("Invalid class choice. Please try again.\n");

break;

} printf("\nYour ticket is successfully booked\n") ; }

else

printf("we are not running trains to your destination");

break;

case 2:printf("\nEnter your ticket number:\n");

scanf("%d",&ticket\_no);

printf("\nTicket %d is successfully cancelled:",ticket\_no);

printf("\nyour money will be refunded within 24 hours\n");

break;

case 3:printf("\nThank you for using our Railway ticket booking system\n");

break;

default:

printf("\nInvalid choice,please try again\n:");

break;

}

printf("\ndo you want to continue[y/n]:");

scanf(" %c",&s);

}

while(s=='y');

}

Output:

Welcome to Railway Ticket Booking

1.Book a ticket

2.Cancel a ticket

3.Exit

Enter your choice:

2

Enter your ticket number:

3

Ticket 3 is successfully cancelled:

Your money will be refunded within 24 hours

Do you want to continue[y/n]:y

1.Book a ticket

2.Cancel a ticket

3.Exit

Enter your choice:

1

1. HYD-MUMBAI:

2. HYD-DELHI:

3. HYD-GOA:

1

1. 1st Class
2. 2nd Class

Enter your class choice: 1

1. Meal included
2. No meal

Enter your meal choice: 2

No meal included in your 1st class ticket

Your ticket is successfully booked

Do you want to continue[y/n]:n