PSP [20ES104] COURSE PROJECT REPORT

On

"TEMPLE MANAGEMENT SYSTEM!"

Developed By:

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Submitted to

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www.sru.edu.in

June 2023

Department of Computer Science and Artificial Intelligence

<u>CERTIFICATE</u>

This is to certify that the PSP course project report entitled **"TEMPLE MANAGEMENT SYSTEM"** is a record of bonafide work carried out by the student(s) **T. NAVYA LOHITHA** bearing roll number(s) **2203A52057** of Computer Science and Artificial Intelligence department during the academic year 2022-23.

Supervisor

(Srinivas Aluvala)

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3.

PROBLEM STATEMENT:

Develop a C Application to create **Temple Management System**. The program that user should choose the Top 10 cities to visit temple he/she required. Choose specific temple as shown in the screen dynamically. At last displays the total details in the screen

1. The code is a simple temple management system.

2. It allows users to select a city to visit, and then select a temple in that city.

3. Then displays information about the temple, such as its name, city, and entry fee. The code also allows users to enter the number of passengers.

4. Then displays information about each passenger, such as their name, age, and gender.

5. Calculates the total cost

6. Displays complete details.

MODULES:

In this application all variables and structure are declared globally so that these variables and structure members can be accessed throughout the program at any function call. In order to repeat the loop control statement (do-while) is used with condition. The memory allocation will be done in this program dynamically. The application asks the person who runs the program that how many passengers data he/she want to enter

In this application four modules are used.

1. In this module the application asks the person who runs the program to know enter temple and n passenger's details. To given customers details for loop is used.

   In this module we used another control statement

   (do while) so that the application asks whether to continue.

2. Functions are defined: introduction().Functions are responsible for displaying information to the user and printing the details on the screen.

   In this module we used another control statement (do while, switch statements, Nested switch) so that the application asks whether to continue.

If we choose option 1:

Code will display the information about Varanasi and different type of temples in Varanasi and temples in Varanasi.

If we choose option 2:

Code will display the information about temple Amritsar and temples in Amritsar.

If we choose option 3:

Code will display the information about temple Khajuraho and temples in Khajuraho.

If we choose option 4:

Code will display the information about temple Puri and temples in Puri.

If we choose option 5:

Code will display the information about temple Ayodhya and temples in Ayodhy.

If we choose option 6:

Code will display the information about temple Mathura and temples in Mathura.

If we choose option 7:

Code will display the information about temple Haridwar and temples in Haridwar.

If we choose option 8:

Code will display the information about temple Dwarka and temples in Dwarka.

KNOWLEDGE REQUIRED TO DEVELOP THIS APPLICATION

- ➢ Control Statements (if, if-else, switch, Nested switch)

- ➢ Loop Statements (while/do while, for)

- ➢ Arrays (1D/2D-arrays)

- ➢ Strings (Strings and Table of strings) and its functions

- ➢ Functions (Any type of user defined functions)

- ➢ Structure (structures and nested structures)

SOURCE CODE [.C FILE]:

```c
//program for temple management system
//Author:2203a52057
//date:24/05/23
#include <stdio.h>
#include <string.h>
#include <stdlib.h>
struct Temple {
    char name [10];
    char city[100];
    float entryFee;
};
struct Passenger {
    char name[100];
    int age;
    char gen[100];
    char city [100];
};
void intro () {
  printf("\n\n");
  printf("\t\t----------------------------------------------------------\n");
  printf ("\t\t|          Welcome to the Temple Management System!           |     \n");
  printf("\t\t----------------------------------------------------------\n");
}
int main ()
{
    intro ();
    int a, b,i,name,age, choice;
    char city,gen,tem;
    int num_passengers;
     struct Temple temple[10];
     struct Passenger pass [10];
     FILE *fp;
    fp=fopen("c:\\users\\NAVYA IOHITHA\\OneDrive\\Desktop\\files\\temple.txt","wb");
    do {
    printf("\n\n\t\tTop 8 Cities to Visit Temples:\n");
    printf("\t\t1. Varanasi\n");
    printf("\t\t2. Amritsar\n");
    printf("\t\t3. Khajuraho \n");
    printf("\t\t4. Puri\n");
    printf("\t\t5. Ayodhya\n");
    printf("\t\t6. Mathura\n");
    printf("\t\t7. Haridwar\n");
    printf("\t\t8. Dwarka\n\n");
    printf("\t\tSelect the city to visit:");
    scanf("%d", &a);
        switch (a) {
        case 1: {
                    printf("\n\t\tYou have selected Varanasi");
            printf ("\n\t\the land of Varanasi (Kashi) has been the ultimate pilgrimage spot for Hindus
for ages");
            printf("\n\n\t\tPress 1 to see temples in Varanasi:");
            scanf("%d",&b);
            switch (b)
            { case 1:
                printf("\n\t\tTemples in Varanasi:");
                printf("\n\t\t1.Adi Keshava temple.");
                printf("\n\t\t2.Manikarnika Ghat Vishnu temple.");
                printf("\n\t\tChoose the Temple:");
                scanf("%d",&choice);
                if (choice==1){
                printf("\n\t\tYou have selected (Adi Keshava temple)");
                printf("\n\t\tThe Adi KesavaTemple is located where the River Varuna pours into the
River Ganges thus making a confluence.\n/t/tThe river-side is known as Adi Keshava Ghat or now called
Raj Ghat.");
                    printf("\n\n\t\tEnter number of Members:");
            scanf("%d", &num_passengers);
            for ( i = 0; i < num_passengers; i++) {
                printf("\n\n\t\tEnter passenger name :");
```

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```c
            scanf("%s", &pass[i].name);
            printf("\t\tEnter passenger age   :");
            scanf("%d", &pass[i].age);
            printf("\t\tEnter passenger Gender:");
            scanf("%s", &pass[i].gen); }
            temple->entryFee=500;
            printf("\n\t\t_____\n");
            printf("\t\t---------------------------------------------------");
            printf("\n\t\tTemple Details:\n");
            printf("\t\t---------------------------------------------------");
            printf("\n\t\t||Temple : Adi Keshava temple           ||\n");
            printf("\t\t||City: Varanasi                          ||\n");
            printf("\t\t||Total Cost: %.2f                        ||\n",temple->entryFee);
            printf("\t\t---------------------------------------------------");
            printf("\n\t\tPassenger Details:\n");
            printf("\t\t---------------------------------------------------");
        for ( i = 0; i < num_passengers; i++) {
            printf("\n\t\tName: %s\n",pass[i].name);
            printf("\t\tAge: %d\n", pass[i].age);
            printf("\t\tGender: %s\n", pass[i].gen); }
            printf("\n\t\t_____\n");
                    break;
        }
        if (choice==2){
           printf("\n\t\tYou have selected (Manikarnika Ghat Vishnu temple)");
           printf("\n\t\tManikarnika Ghat is one of the holiest [1] cremation grounds among the
sacred riverfronts (ghats),\n/t/t located on the Ganges, in the city of Varanasi in the Indian state of
Uttar Pradesh. ");
                printf("\n\n\t\tEnter number of Members:");
                scanf("%d", &num_passengers);
                for ( i = 0; i < num_passengers; i++) {
            printf("\n\n\t\tEnter passenger name :");
            scanf("%s", &pass[i].name);
            printf("\t\tEnter passenger age :");
            scanf("%d", &pass[i].age);
            printf("\t\tEnter passenger Gender  :");
            scanf("%s", &pass[i].gen);
        }
            temple->entryFee=500;
            printf("\n\t\t_____\n");
            printf("\t\t---------------------------------------------------");
            printf("\n\t\tTemple Details:\n");
            printf("\t\t---------------------------------------------------");
            printf("\n\t\t||Temple : Manikarnika Ghat Vishnu temple     ||\n");
            printf("\t\t||City: Varanasi                               ||\n");
            printf("\t\t||Total Cost: %.2f                             ||\n",temple->entryFee);
            printf("\t\t---------------------------------------------------");
            printf("\n\t\tPassenger Details:\n");
            printf("\t\t---------------------------------------------------");
        for ( i = 0; i < num_passengers; i++) {
            printf("\n\t\tName: %s\n",pass[i].name);
            printf("\t\tAge: %d\n", pass[i].age);
            printf("\t\tGender: %s\n", pass[i].gen);
        }
            printf("\n\t\t_____\n");
            break;
            }
        default:
            break;
        }break;
      }break;
    case 2:
    {
        printf("\n\t\tYou have selected Amritsar");
        printf("\n\t\tAmritsar was founded by Sri Guru Ramdas ji, the fourth guru of the Sikhs in
about 1574 A.D");
        printf("\n\n\t\tPress 1 to see temples in Amritsar:");
        scanf("%d",&b);
        switch (b)
        {
```

```c
            case 1:
                printf("\n\t\tTemples in Amritsar:");
                printf("\n\t\t1.Durgiana Temple.");
                printf ("\n\t\t2.Mata Lal Devi Temple.");
                printf("\n\t\tChoose the Temple:");
                scanf("%d",&choice);
                if (choice==1){
                printf("\n\t\tYou have selected (Durgiana Temple)");
                printf("\n\t\tShri Durgiana Mandir, is a Hindu temple situated in the city of Amritsar
in Punjab, India.[1] Though a Hindu temple,\n/t/t its architecture is similar to the Sikh Harmandir
Sahib (Golden Temple).");
                printf("\n\n\t\tEnter number of Members:");
            scanf("%d", &num_passengers);
            for ( i = 0;i < num_passengers; i++) {
                printf("\n\n\t\tEnter passenger name :");
                scanf("%s", &pass[i].name);
                printf("\t\tEnter passenger age  :");
                scanf("%d", &pass[i].age);
                printf("\t\tEnter passenger Gender  :");
                scanf("%s", &pass[i].gen);
            }
                temple->entryFee=1000;
                printf("\n\t\t_____\n");
                printf("\t\t--------------------------------------------------");
                printf("\n\t\tTemple Details:\n");
                printf("\t\t--------------------------------------------------");
                printf("\n\t\t||Temple : Durgiana Temple            ||\n");
                printf("\t\t||City: Amritsar                       ||\n");
                printf("\t\t||Total Cost: %.2f                     ||\n",temple->entryFee);
                printf("\t\t--------------------------------------------------");
                printf("\n\t\tPassenger Details:\n");
            for ( i = 0; i < num_passengers; i++) {
                printf("\t\t--------------------------------------------------");
                printf("\n\t\tName: %s\n",pass[i].name);
                printf("\t\tAge: %d\n", pass[i].age);
                printf("\t\tGender: %s\n", pass[i].gen);
                printf("\t\t--------------------------------------------------");
            }
                printf("\n\t\t_____\n");
                break;
                }
                if (choice==2){
                  printf("\n\t\tYou have selected (Mata Lal Devi Temple)");
                  printf("\n\t\tMata Lal Devi Mandir is a sacred temple related to the Hindu
religion\n.It is one of the best religious places to visit in Amritsar.");
                    printf("\n\n\t\tEnter number of Members:");
                    scanf("%d", &num_passengers);
                    for ( i = 0; i < num_passengers; i++) {
                printf("\n\n\t\tEnter passenger name :");
                scanf("%s", &pass[i].name);
                printf("\t\tEnter passenger age  :");
                scanf("%d", &pass[i].age);
                printf("\t\tEnter passenger Gender  :");
                scanf("%s", &pass[i].gen);
            }
                temple->entryFee=1500;
                printf("\n\t\t_____\n");
                printf("\t\t--------------------------------------------------");
                printf("\n\t\tTemple Details:\n");
                printf("\t\t--------------------------------------------------");
                printf("\n\t\t||Temple : Mata Lal Devi Temple            ||\n");
                printf("\t\t||City: Amritsar                           ||\n");
                printf("\t\t||Total Cost: %.2f                         ||\n",temple->entryFee);
                printf("\t\t--------------------------------------------------");
                printf("\n\t\tPassenger Details:\n");
            for ( i = 0; i < num_passengers; i++) {
                printf("\t\t--------------------------------------------------");
                printf("\n\t\tName: %s\n",pass[i].name);
                printf("\t\tAge: %d\n", pass[i].age);
                printf("\t\tGender: %s\n", pass[i].gen);
```

```c
            printf("\t\t-------------------------------------------------");
        }
            printf("\n\t\t_____\n");
            break;
        }
        default:
            break;
        } break;
    }break;
    case 3:
    {
        printf("\n\t\tYou have selected Khajuraho");
        printf("\n\t\tThe temples at Khajuraho were built during the Chandella dynasty, which
reached its apogee between 950 and 1050.");
        printf("\n\n\t\tPress 1 to see temples in Khajuraho:");
        scanf("%d",&b);
        switch (b)
        {
        case 1:
            printf("\n\t\tTemples in Khajuraho:");
            printf("\n\t\t1.Brahma Temple.");
            printf("\n\t\t2.Kandariya Mahadeva Temple.");
            printf("\n\t\tChoose the Temple:");
            scanf("%d",&choice);
            if (choice==1){
            printf("\n\t\tYou have selected (Brahma Temple)");
            printf("\n\t\brahma Temple is a ninth or early tenth century temple and is located at
Chhatarpur in Madhya Pradesh,\n/t/t India. Although titled after the Hindu god Brahma, the temple is
dedicated to Shiva.");
            printf("\n\n\t\tEnter number of Members:");
        scanf("%d", &num_passengers);
        for ( i = 0; i < num_passengers; i++) {
            printf("\n\n\t\tEnter passenger name :");
            scanf("%s", &pass[i].name);
            printf("\t\tEnter passenger age  :");
            scanf("%d", &pass[i].age);
            printf("\t\tEnter passenger Gender  :");
            scanf("%s", &pass[i].gen);
        }
            temple->entryFee=500;
            printf("\n\t\t_____\n");
            printf("\t\t-------------------------------------------------");
            printf("\n\t\tTemple Details:\n");
            printf("\t\t-------------------------------------------------");
            printf("\n\t\t||Temple : Brahma Temple              ||\n");
            printf("\t\t||City: Khajuraho                 ||\n");
            printf("\t\t||Total Cost: %.2f                ||\n",temple->entryFee);
            printf("\t\t-------------------------------------------------");
            printf("\n\t\tPassenger Details:\n");
            printf("\t\t-------------------------------------------------");
        for ( i = 0; i < num_passengers; i++) {
            printf("\n\t\tName: %s\n",pass[i].name);
            printf("\t\tAge: %d\n", pass[i].age);
            printf("\t\tGender: %s\n", pass[i].gen);
        }
            printf("\n\t\t_____\n");
            break;}
            if (choice==2){
                printf("\n\t\tYou have selected (Kandariya Mahadeva Temple)");
                printf("\n\t\tThe Kandariya Mahadeva Mandir , meaning the Great God of the Cave , is
the largest and most ornate Hindu temple\n/t/t in the medieval temple group found at Khajuraho in Madhya
Pradesh, India. ");
                printf("\n\n\t\tEnter number of Members:");
                scanf("%d", &num_passengers);
                for ( i = 0; i < num_passengers; i++) {
            printf("\n\n\t\tEnter passenger name :");
            scanf("%s", &pass[i].name);
            printf("\t\tEnter passenger age  :");
            scanf("%d", &pass[i].age);
            printf("\t\tEnter passenger Gender  :");
```

```c
            scanf("%s", &pass[i].gen); }
            temple->entryFee=1500;
            printf("\n\t\t_____\n");
            printf("\t\t---------------------------------------------------");
            printf("\n\t\tTemple Details:\n");
            printf("\t\t---------------------------------------------------");
            printf("\n\t\t||Temple : Kandariya Mahadeva Temple           ||\n");
            printf("\t\t||City: Khajuraho                              ||\n");
            printf("\t\t||Total Cost: %.2f                            ||\n",temple->entryFee);
            printf("\t\t---------------------------------------------------");
            printf("\n\t\tPassenger Details:\n");
            printf("\t\t---------------------------------------------------");
        for ( i = 0; i < num_passengers; i++) {
            printf("\n\t\tName: %s\n",pass[i].name);
            printf("\t\tAge: %d\n", pass[i].age);
            printf("\t\tGender: %s\n", pass[i].gen);
            printf("\t\t-----------------------------------------------");  }
            printf("\n\t\t_____\n");
              break;}
        default:
            break;
        }break;
          }break;
    case 4:
        {   printf("\n\t\tYou have selected Puri");
            printf("\n\t\Puri is famous for the world famous Shri Jagannath Temple & Longest Golden
Beach.");
            printf("\n\n\t\tPress 1 to see temples in Puri:");
            scanf("%d",&b);
            switch (b)
            {case 1:
                printf("\n\t\tTemples in Puri:");
                printf("\n\t\t1.Jagannath Temple.");
                printf("\n\t\t2.Markandeshwar Temple.");
                printf("\n\t\tChoose the Temple:");
                scanf("%d",&choice);
                if (choice==1){
                printf("\n\t\tYou have selected (Jagannath Temple)");
                printf("\n\t\tThe Jagannath Temple is an important Hindu temple dedicated to Jagannath,
a form of Vishnu one of the trinity of supreme divinity in Hinduism. \n/t/t Puri is in the state of
Odisha, on the eastern coast of India. The Somavamsa king Indradyumna of Abanti has built the main
temple of Lord Jagannath at Puri.");
                printf("\n\n\t\tEnter number of Members:");
            scanf("%d", &num_passengers);
            for ( i = 0; i < num_passengers; i++) {
                printf("\n\n\t\tEnter passenger name :");
                scanf("%s", &pass[i].name);
                printf("\t\tEnter passenger age  :");
                scanf("%d", &pass[i].age);
                printf("\t\tEnter passenger Gender  :");
                scanf("%s", &pass[i].gen);
            }
                temple->entryFee=500;
                printf("\n\t\t_____\n");
                printf("\t\t---------------------------------------------------");
                printf("\n\t\tTemple Details:\n");
                printf("\t\t---------------------------------------------------");
                printf("\n\t\t||Temple : Jagannath Temple           ||\n");
                printf("\t\t||City: Puri                          ||\n");
                printf("\t\t||Total Cost: %.2f                    ||\n",temple->entryFee);
                printf("\t\t---------------------------------------------------");
                printf("\n\t\tPassenger Details:\n");
                printf("\t\t---------------------------------------------------");
            for ( i = 0; i < num_passengers; i++) {
                printf("\n\t\tName: %s\n",pass[i].name);
                printf("\t\tAge: %d\n", pass[i].age);
                printf("\t\tGender: %s\n", pass[i].gen);
            }
                printf("\n\t\t_____\n");
                break;
```

```c
                }
                if (choice==2){
                    printf("\n\t\tYou have selected (Markandeshwar Temple)");
                    printf("\n\t\tMarkandeshwar Temple is a place where sage Markandeya meditated on lord
Shiva.\n/t/t He saw a small child on a banyan leaf floating on the sea and wondered upon. ");
                        printf("\n\n\t\tEnter number of Members:");
                        scanf("%d", &num_passengers);
                        for ( i = 0; i < num_passengers; i++) {
                    printf("\n\n\t\tEnter passenger name :");
                    scanf("%s", &pass[i].name);
                    printf("\t\tEnter passenger age   :");
                    scanf("%d", &pass[i].age);
                    printf("\t\tEnter passenger Gender  :");
                    scanf("%s", &pass[i].gen); }
                    temple->entryFee=1000;
                    printf("\n\t\t_____\n");
                    printf("\t\t----------------------------------------------------");
                    printf("\n\t\tTemple Details:\n");
                    printf("\t\t----------------------------------------------------");
                    printf("\n\t\t||Temple : Markandeshwar Temple                  ||\n");
                    printf("\t\t||City: Puri                                      ||\n");
                    printf("\t\t||Total Cost: %.2f                                ||\n",temple->entryFee);
                    printf("\t\t----------------------------------------------------");
                    printf("\n\t\tPassenger Details:\n");
                    printf("\t\t----------------------------------------------------");
                for ( i = 0; i < num_passengers; i++) {
                    printf("\n\t\tName: %s\n",pass[i].name);
                    printf("\t\tAge: %d\n", pass[i].age);
                    printf("\t\tGender: %s\n", pass[i].gen);
                    printf("\t\t----------------------------------------------------");
                }
                    printf("\n\t\t_____\n");
                    break; }
            default:
                break;
            }break;
        }break;
    case 5:
        {   printf("\n\t\tYou have selected Ayodhya");
            printf("\n\t\tit lies on the Ghaghara River just east of Faizabad. An ancient town, Ayodhya
is regarded as one of the seven sacred cities of the Hindus.");
            printf("\n\n\t\tPress 1 to see temples in Ayodhya:");
            scanf("%d",&b);
            switch (b)
            {case 1:
                printf("\n\t\tTemples in Ayodhya:");
                printf("\n\t\t1.Ramjanma Bhoomi Temple.");
                printf("\n\t\t2.Hanuman Garhi Temple.");
                printf("\n\t\tChoose the Temple:");
                scanf("%d",&choice);
                if (choice==1){
                printf("\n\t\tYou have selected (Ramjanma Bhoomi Temple)");
                printf("\n\t\tThe Ram Mandir is a Hindu temple that is being built in Ayodhya, Uttar
Pradesh, India, at the site of Ram Janmabhoomi, \n/t/according to the Ramayana the birthplace of Rama, a
principal deity of Hinduism..");
                printf("\n\n\t\tEnter number of Members:");
                scanf("%d", &num_passengers);
                for ( i = 0; i < num_passengers; i++) {
                    printf("\n\n\t\tEnter passenger name :");
                    scanf("%s", &pass[i].name);
                            printf("\t\tEnter passenger age   :");
                    scanf("%d", &pass[i].age);
                    printf("\t\tEnter passenger Gender  :");
                    scanf("%s", &pass[i].gen);
                }
                    temple->entryFee=1500;
                    printf("\n\t\t_____\n");
                    printf("\t\t----------------------------------------------------");
                    printf("\n\t\tTemple Details:\n");
                    printf("\t\t----------------------------------------------------");
```

```c
            printf("\n\t\t||Temple : Ramjanma Bhoomi Temple            ||\n");
            printf("\t\t||City: Ayodhya                                ||\n");
            printf("\t\t||Total Cost: %.2f                             ||\n",temple->entryFee);
            printf("\t\t-------------------------------------------------");
            printf("\n\t\tPassenger Details:\n");
            printf("\t\t-------------------------------------------------");
        for ( i = 0; i < num_passengers; i++) {
            printf("\n\t\tName: %s\n",pass[i].name);
            printf("\t\tAge: %d\n", pass[i].age);
            printf("\t\tGender: %s\n", pass[i].gen);
        }
            printf("\n\t\t_____\n");
          break;}
            if (choice==2){
              printf("\n\t\tYou have selected (Hanuman Garhi Temple)");
              printf("\n\t\hanuman Garhi is a 10th-century temple of Hanuman in Uttar Pradesh,
India. Located in Ayodhya, \n\t\tit is one of the most important temples in the city along with other
temples such as Nageshwar Nath. ");
                printf("\n\n\t\tEnter number of Members:");
                scanf ("%d", &num_passengers);
                for (i = 0; i < num_passengers; i++) {
            printf("\n\n\t\tEnter passenger name :");
            scanf("%s", &pass[i].name);
            printf("\t\tEnter passenger age  :");
            scanf("%d", &pass[i].age);
            printf("\t\tEnter passenger Gender  :");
            scanf("%s", &pass[i].gen);
}
            temple->entryFee=2500;
            printf("\n\t\t_____\n");
            printf("\t\t-----------------------------------------------");
            printf("\n\t\tTemple Details:\n");
            printf("\t\t-----------------------------------------------");
            printf("\n\t\t||Temple : Hanuman Garhi Temple              ||\n");
            printf("\t\t||City: Ayodhya                               ||\n");
            printf("\t\t||Total Cost: %.2f                            ||\n",temple->entryFee);
            printf("\t\t-----------------------------------------------");
            printf("\n\t\tPassenger Details:\n");
            printf("\t\t-----------------------------------------------");
        for ( i = 0; i < num_passengers; i++) {
            printf("\n\t\tName: %s\n",pass[i].name);
            printf("\t\tAge: %d\n", pass[i].age);
            printf("\t\tGender: %s\n", pass[i].gen);
            printf("\t\t-----------------------------------------------");
}
            printf("\n\t\t_____\n");
          break;}
        default:
            break;
        }break;
          }break;
    case 6:
      {
        printf("\n\t\tYou have selected Mathura");
        printf("\n\t\tsituated on the banks of the Yamuna River, Mathura is a sacred town for the
Hindus that has found mention in historical and mythological anecdotes.");
        printf("\n\n\t\tPress 1 to see temples in Mathura:");
        scanf("%d",&b);
        switch (b)
        { case 1:
            printf("\n\t\tTemples in Mathura:");
            printf("\n\t\t1.Sri Krishna Janmasthan Temple.");
            printf("\n\t\t2.Shri Bhuteshwar Mahadev Temple.");
            printf("\n\t\tChoose the Temple:");
            scanf("%d",&choice);
            if (choice==1){
            printf("\n\t\tYou have selected (Sri Krishna Janmasthan temple)");
            printf("\n\t\tShri Krishna Janmasthan Temple, also known as Shri Krishna Janmabhoomi
temple, is centered on the prison cell where Lord Krishna's parents,\n/t/t Mata Devaki and Vasudeva,
were imprisoned by his wicked uncle Kansa.");
```

```c
                printf("\n\n\t\tEnter number of Members:");
            scanf("%d", &num_passengers);
            for ( i = 0; i < num_passengers; i++) {
                printf("\n\n\t\tEnter passenger name :");
                scanf("%s", &pass[i].name);
                printf("\t\tEnter passenger age  :");
                scanf("%d", &pass[i].age);
                printf("\t\tEnter passenger Gender  :");
                scanf("%s", &pass[i].gen);}
            temple->entryFee=500;
            printf("\n\t\t_____\n");
            printf("\t\t------------------------------------------------");
            printf("\n\t\tTemple Details:\n");
            printf("\t\t------------------------------------------------");
            printf("\n\t\t||Temple : Sri Krishna Janmasthan temple           ||\n");
            printf("\t\t||City: Mathura                                    ||\n");
            printf("\t\t||Total Cost: %.2f                                 ||\n",temple->entryFee);
            printf("\t\t------------------------------------------------");
            printf("\n\t\tPassenger Details:\n");
            printf("\t\t------------------------------------------------");
        for ( i = 0; i < num_passengers; i++) {
            printf("\n\t\tName: %s\n",pass[i].name);
            printf("\t\tAge: %d\n", pass[i].age);
            printf("\t\tGender: %s\n", pass[i].gen);
        }
            printf("\n\t\t_____\n");
            break;}
            if (choice==2){
               printf("\n\t\tYou have selected (Shri Bhuteshwar Mahadev Temple)");
               printf("\n\t\tBhuteshwar Mahadev Mandir is a famous Hindu temple dedicated to Lord
Shiva.\n/t/t It is also a Shaktipeeth where Mata Sati's ringlet fell when she performed Sati. ");
                printf("\n\n\t\tEnter number of Members:");
                scanf("%d", &num_passengers);
                for ( i = 0; i < num_passengers; i++) {
            printf("\n\n\t\tEnter passenger name :");
            scanf("%s", &pass[i].name);
            printf("\t\tEnter passenger age  :");
            scanf("%d", &pass[i].age);
            printf("\t\tEnter passenger Gender  :");
            scanf("%s", &pass[i].gen);
 }
            temple->entryFee=1500;
            printf("\n\t\t_____\n");
            printf("\t\t------------------------------------------------");
            printf("\n\t\tTemple Details:\n");
            printf("\t\t------------------------------------------------");
            printf("\n\t\t||Temple : Shri Bhuteshwar Mahadev Temple              ||\n");
            printf("\t\t||City: Mathura                                   ||\n");
            printf("\t\t||Total Cost: %.2f                                ||\n",temple-
>entryFee);
            printf("\t\t------------------------------------------------");
            printf("\n\t\tPassenger Details:\n");
            printf("\t\t------------------------------------------------");
        for ( i = 0; i < num_passengers; i++) {
            printf("\n\t\tName: %s\n",pass[i].name);
            printf("\t\tAge: %d\n", pass[i].age);
            printf("\t\tGender: %s\n", pass[i].gen);
            printf("\t\t------------------------------------------------");
                 }
            printf("\n\t\t_____\n");
            break; }
    default:
            break;
        }break;
      }break;
    case 7:
        {
            printf("\n\t\tYou have selected Haridwar");
            printf("\n\t\tHaridwar is one of the first towns where Ganga emerges from the mountains to
touch the planes");
```

```c
printf("\n\n\t\tPress 1 to see temples in Haridwar:");
scanf("%d",&b);
switch (b)
{
case 1:
    printf("\n\t\tTemples in Haridwar:");
    printf("\n\t\t1.Mansa Devi Temple.");
    printf("\n\t\t2.Maya Devi Temple.");
    printf("\n\t\tChoose the Temple:");
    scanf("%d",&choice);
    if (choice==1){
    printf("\n\t\tYou have selected (Mansa Devi Temple)");
    printf("\n\t\tMansa Devi Temple, Haridwar is a Hindu temple dedicated to goddess Mansa
Devi in the holy city of Haridwar in the Uttarakhand state of India. \n/t/tThe temple is located atop
the Bilwa Parvat on the Shivalik Hills, the southernmost mountain chain of the Himalayas.");
    printf("\n\n\t\tEnter number of Members:");
scanf("%d", &num_passengers);
for ( i = 0; i < num_passengers; i++) {
    printf("\n\n\t\tEnter passenger name :");
    scanf("%s", &pass[i].name);
    printf("\t\tEnter passenger age   :");
    scanf("%d", &pass[i].age);
    printf("\t\tEnter passenger Gender  :");
    scanf("%s", &pass[i].gen);
}
    temple->entryFee=500;
    printf("\n\t\t_____\n");
    printf("\t\t----------------------------------------------------");
    printf("\n\t\tTemple Details:\n");
    printf("\t\t----------------------------------------------------");
    printf("\n\t\t||Temple : Mansa Devi Temple              ||\n");
    printf("\t\t||City: Haridwar                          ||\n");
    printf("\t\t||Total Cost: %.2f                        ||\n",temple->entryFee);
    printf("\t\t----------------------------------------------------");
    printf("\n\t\tPassenger Details:\n");
    printf("\t\t----------------------------------------------------");
for ( i = 0; i < num_passengers; i++) {
    printf("\n\t\tName: %s\n",pass[i].name);
    printf("\t\tAge: %d\n", pass[i].age);
    printf("\t\tGender: %s\n", pass[i].gen);
}
    printf("\n\t\t_____\n");
break;}
    if (choice==2){
       printf("\n\t\tYou have selected (Maya Devi Temple)");
       printf("\n\t\tMaya Devi Temple, Haridwar is a Hindu temple dedicated to goddess Maya
in the holy city of Haridwar of Uttarakhand state in India.\n/t/t It is believed that the heart and
navel of goddess Sati fell in the region where the temple stands today and thus it is sometimes referred
to as a Shakti Preetha.");
         printf("\n\n\t\tEnter number of Members:");
         scanf("%d", &num_passengers);
         for ( i = 0; i < num_passengers; i++) {
    printf("\n\n\t\tEnter passenger name :");
    scanf("%s", &pass[i].name);
                printf("\t\tEnter passenger age   :");
    scanf("%d", &pass[i].age);
    printf("\t\tEnter passenger Gender  :");
    scanf("%s", &pass[i].gen);

}
    temple->entryFee=1000;
    printf("\n\t\t_____\n");
    printf("\t\t----------------------------------------------------");
    printf("\n\t\tTemple Details:\n");
    printf("\t\t----------------------------------------------------");
    printf("\n\t\t||Temple : Maya Devi Temple               ||\n");
    printf("\t\t||City: Haridwar                          ||\n");
    printf("\t\t||Total Cost: %.2f                        ||\n",temple->entryFee);
    printf("\t\t----------------------------------------------------");
    printf("\n\t\tPassenger Details:\n");
```

```c
            printf("\t\t----------------------------------------------------");
        for ( i = 0; i < num_passengers; i++) {
            printf("\n\t\tName: %s\n",pass[i].name);
            printf("\t\tAge: %d\n", pass[i].age);
            printf("\t\tGender: %s\n", pass[i].gen);
            printf("\t\t----------------------------------------------------");
        }
            printf("\n\t\t_____\n");
      break;}
     default:
          break;
        }break;
      }break;
    case 8:
    {
        printf("\n\t\tYou have selected Dwarka");
        printf("\n\t\Dwarka was the legendary capital of the god Krishna, who founded it after his
flight from Mathura. Its consequent sanctity makes it one of the seven great places of Hindu
pilgrimage.");
        printf("\n\n\t\tPress 1 to see temples in Dwarka:");
        scanf("%d",&b);
        switch (b)
        {
        case 1:
            printf("\n\t\tTemples in Dwarka:");
            printf("\n\t\t1.Dwarkadhish Temple.");
            printf("\n\t\t2.Ranchhodraiji Temple (Dakor).");
            printf("\n\t\tChoose the Temple:");
            scanf("%d",&choice);
            if (choice==1){
            printf("\n\t\tYou have selected (Dwarkadhish Temple)");
            printf("\n\t\tThe Dwarkadhish temple, also known as the Jagat Mandir and occasionally
spelled Dwarakadheesh, is a Hindu temple dedicated to Krishna, who is worshiped here by the name
Dwarkadhish, or 'King of Dwarka'. \n\t\tThe temple is located at Dwarka city of Gujarat, India, which is
one of the destinations of Char Dham, a Hindu pilgrimage circuit.");
            printf("\n\n\t\tEnter number of Members:");
        scanf("%d", &num_passengers);
        for ( i = 0; i < num_passengers; i++) {
            printf("\n\n\t\tEnter passenger name :");
            scanf("%s", &pass[i].name);
            printf("\t\tEnter passenger age  :");
            scanf("%d", &pass[i].age);
            printf("\t\tEnter passenger Gender  :");
            scanf("%s", &pass[i].gen);
        }
            temple->entryFee=1000;
            printf("\n\t\t_____\n");
            printf("\t\t----------------------------------------------------");
            printf("\n\t\tTemple Details:\n");
            printf("\t\t----------------------------------------------------");
            printf("\n\t\t||Temple : Dwarkadhish Temple            ||\n");
            printf("\t\t||City: Dwarka                            ||\n");
            printf("\t\t||Total Cost: %.2f                        ||\n",temple->entryFee);
            printf("\t\t----------------------------------------------------");
            printf("\n\t\tPassenger Details:\n");
            printf("\t\t----------------------------------------------------");
        for ( i = 0; i < num_passengers; i++) {
            printf("\n\t\tName: %s\n",pass[i].name);
            printf("\t\tAge: %d\n", pass[i].age);
            printf("\t\tGender: %s\n", pass[i].gen);
        }
            printf("\n\t\t_____\n");
            break;
            }
            if (choice==2){
                printf("\n\t\tYou have selected (Ranchhodraiji Temple (Dakor))");
                printf("\n\t\tThe main temple, enclosed by a fort wall, is situated near the bank of
the holy lake Gomti in the midst of the main bazaar
 of Dakor. \n\t\tThe temple is covered with 8 domes and 24 turrets, with the central dome reaching a
height of 27 m. \n\t\crowned with a golden kalash and a white silken flag, this temple is the tallest in
```

```c
the district.");
                   printf("\n\n\t\tEnter number of Members:");
                   scanf("%d", &num_passengers);
                   for ( i = 0; i < num_passengers; i++) {
              printf("\n\n\t\tEnter passenger name :");
              scanf("%s", &pass[i].name);
              printf("\t\tEnter passenger age  :");
              scanf("%d", &pass[i].age);
              printf("\t\tEnter passenger Gender  :");
              scanf("%s", &pass[i].gen);
}
              temple->entryFee=1500;
              printf("\n\t\t_____\n");
              printf("\t\t----------------------------------------------------");
              printf("\n\t\tTemple Details:\n");
              printf("\t\t----------------------------------------------------");
              printf("\n\t\t||Temple : Ranchhodraiji Temple                    ||\n");
              printf("\t\t||City: Dwarka                                    ||\n");
              printf("\t\t||Total Cost: %.2f                                    ||\n",temple->entryFee);
              printf("\t\t----------------------------------------------------");
              printf("\n\t\tPassenger Details:\n");
              printf("\t\t----------------------------------------------------");
          for ( i = 0; i < num_passengers; i++) {
              printf("\n\t\tName: %s\n",pass[i].name);
              printf("\t\tAge: %d\n", pass[i].age);
              printf("\t\tGender: %s\n", pass[i].gen);
              printf("\t\t----------------------------------------------------");
                      }
              printf("\n\t\t_____\n");
              break;
              }
          default:
              break;
          }break;
            }break;
              }break;
                }while
                          (a!=8);
                          fwrite(&pass,sizeof(pass),1,fp);
                          printf("Temple record stored successfully");
                          getch();
}
```

RESULT:

```
------------------------------------------------------------
|         Welcome to the Temple Management System!         |
------------------------------------------------------------


Top 8 Cities to Visit Temples:
1. Varanasi
2. Amritsar
3. Khajuraho
4. Puri
5. Ayodhya
6. Mathura
7. Haridwar
8. Dwarka

Select the city to visit:1

You have selected Varanasi
The land of Varanasi (Kashi) has been the ultimate pilgrimage spot for Hindus for ages

Press 1 to see temples in Varanasi:1

Temples in Varanasi:
1.Adi Keshava temple.
2.Manikarnika Ghat Vishnu temple.
Choose the Temple:1

You have selected (Adi Keshava temple)
The Adi KesavaTemple is located where the River Varuna pours into the River Ganges thus making a confluence.
The river-side is known as Adi Keshava Ghat or now called Raj Ghat.

Enter number of Members:1


Enter passenger name  :navya
Enter passenger age   :18
Enter passenger Gender  :femail


------------------------------------------------------------
----------------------------------------------------
Temple Details:
----------------------------------------------------
||Temple : Adi Keshava temple        ||
||City: Varanasi                     ||
||Total Cost: 500.00                 ||
----------------------------------------------------
Passenger Details:
----------------------------------------------------
Name: navya
Age: 18
Gender: femail
```

```
----------------------------------------------------------------
|            Welcome to the Temple Management System!           |
----------------------------------------------------------------


Top 8 Cities to Visit Temples:
1. Varanasi
2. Amritsar
3. Khajuraho
4. Puri
5. Ayodhya
6. Mathura
7. Haridwar
8. Dwarka

Select the city to visit:2

You have selected Amritsar
Amritsar was founded by Sri Guru Ramdass ji, the fourth guru of the Sikhs in about 1574 A.D

Press 1 to see temples in Amritsar:1

Temples in Amritsar:
1.Durgiana Temple.
2.Mata Lal Devi Temple.
Choose the Temple:2

You have selected (Mata Lal Devi Temple)
Mata Lal Devi Mandir is a sacred temple related to the Hindu religion.
It is one of the best religious places to visit in Amritsar.

Enter number of Members:1


Enter passenger name  :yamini
Enter passenger age   :21
Enter passenger Gender  :female


----------------------------------------------------------------
------------------------------------------------------
Temple Details:
-------------------------------------------------------
||Temple : Mata Lal Devi Temple                  ||
||City: Amritsar                                 ||
||Total Cost: 1500.00                            ||
-------------------------------------------------------
Passenger Details:
-------------------------------------------------------
Name: yamini
Age: 21
Gender: female
-------------------------------------------------------


-------------------------------------------------------
Temple record stored successfully
```

```
--------------------------------------------------------
|          Welcome to the Temple Management System!          |
--------------------------------------------------------


Top 8 Cities to Visit Temples:
1. Varanasi
2. Amritsar
3. Khajuraho
4. Puri
5. Ayodhya
6. Mathura
7. Haridwar
8. Dwarka

Select the city to visit:3

You have selected Khajuraho
The temples at Khajuraho were built during the Chandella dynasty, which reached its apogee between 950 and 1050.

Press 1 to see temples in Khajuraho:1

Temples in Khajuraho:
1.Brahma Temple.
2.Kandariya Mahadeva Temple.
Choose the Temple:1

You have selected (Brahma Temple)
Brahma Temple is a ninth or early tenth century temple and is located at Chhatarpur in Madhya Pradesh,
 India. Although titled after the Hindu god Brahma, the temple is dedicated to Shiva.

Enter number of Members:1


Enter passenger name :yamini
Enter passenger age   :21
Enter passenger Gender  :female


--------------------------------------------------------
--------------------------------------------------
Temple Details:
--------------------------------------------------
||Temple : Brahma Temple          ||
||City: Khajuraho                 ||
||Total Cost: 500.00              ||
--------------------------------------------------
Passenger Details:
--------------------------------------------------
Name: yamini
Age: 21
Gender: female


--------------------------------------------------------
Temple record stored successfully
```

```
            ------------------------------------------------------------
            |          Welcome to the Temple Management System!          |
            ------------------------------------------------------------


            Top 8 Cities to Visit Temples:
            1. Varanasi
            2. Amritsar
            3. Khajuraho
            4. Puri
            5. Ayodhya
            6. Mathura
            7. Haridwar
            8. Dwarka

            Select the city to visit:4

            You have selected Puri
            Puri is famous for the world famous Shri Jagannath Temple & Longest Golden Beach.

            Press 1 to see temples in Puri:1

            Temples in Puri:
            1.Jagannath Temple.
            2.Markandeshwar Temple.
            Choose the Temple:2

            You have selected (Markandeshwar Temple)
            Markandeshwar Temple is a place where sage Markandeya meditated on lord Shiva.
He saw a small child on a banyan leaf floating on the sea and wondered upon.

            Enter number of Members:1


            Enter passenger name :yamini
            Enter passenger age   :21
            Enter passenger Gender  :female


            -----------------------------------------------------------
            -------------------------------------------------
            Temple Details:
            -------------------------------------------------
            ||Temple : Markandeshwar Temple                  ||
            ||City: Puri                                     ||
            ||Total Cost: 1000.00                            ||
            -------------------------------------------------
            Passenger Details:
            -------------------------------------------------
            Name: yamini
            Age: 21
            Gender: female
            -------------------------------------------------

            -----------------------------------------------------------
            Temple record stored successfully
```

```
----------------------------------------------------------
|          Welcome to the Temple Management System!          |
----------------------------------------------------------


Top 8 Cities to Visit Temples:
1. Varanasi
2. Amritsar
3. Khajuraho
4. Puri
5. Ayodhya
6. Mathura
7. Haridwar
8. Dwarka

Select the city to visit:5

You have selected Ayodhya
It lies on the Ghaghara River just east of Faizabad. An ancient town, Ayodhya is regarded as one of the seven sacred cities of the Hindus.

Press 1 to see temples in Ayodhya:1

Temples in Ayodhya:
1.Ramjanma Bhoomi Temple.
2.Hanuman Garhi Temple.
Choose the Temple:1

You have selected (Ramjanma Bhoomi Temple)
  The Ram Mandir is a Hindu temple that is being built in Ayodhya, Uttar Pradesh, India, at the site of Ram Janmabhoomi,
to the Ramayana the birthplace of Rama, a principal deity of Hinduism..

Enter number of Members:1


Enter passenger name :yamini
Enter passenger age   :21
Enter passenger Gender  :female


_____
--------------------------------------------------
Temple Details:
--------------------------------------------------
||Temple : Ramjanma Bhoomi Temple          ||
||City: Ayodhya                            ||
||Total Cost: 1500.00                      ||
--------------------------------------------------
Passenger Details:
--------------------------------------------------
Name: yamini
Age: 21
Gender: female


_____
Temple record stored successfully
```

```
--------------------------------------------------------
|        Welcome to the Temple Management System!        |
--------------------------------------------------------


Top 8 Cities to Visit Temples:
1. Varanasi
2. Amritsar
3. Khajuraho
4. Puri
5. Ayodhya
6. Mathura
7. Haridwar
8. Dwarka

Select the city to visit:6

You have selected Mathura
Situated on the banks of the Yamuna River, Mathura is a sacred town for the Hindus that has found mention in historical and mythological anecdotes.

Press 1 to see temples in Mathura:1

Temples in Mathura:
1.Sri Krishna Janmasthan Temple.
2.Shri Bhuteshwar Mahadev Temple.
Choose the Temple:1

You have selected (Sri Krishna Janmasthan temple)
Shri Krishna Janmasthan Temple, also known as Shri Krishna Janmabhoomi temple, is centred on the prison cell where Lord Krishna's parents,
/t/t Mata Devaki and Vasudeva, were imprisoned by his wicked uncle Kansa.

Enter number of Members:1


Enter passenger name :yamani
Enter passenger age   :19
Enter passenger Gender   :female


_____
--------------------------------------------------
Temple Details:
--------------------------------------------------
||Temple : Sri Krishna Janmasthan temple           ||
||City: Mathura                                     ||
||Total Cost: 500.00                                ||
--------------------------------------------------
Passenger Details:
--------------------------------------------------
Name: yamani
Age: 19
Gender: female


_____
Temple record stored successfully
```

```
------------------------------------------------------------
|          Welcome to the Temple Management System!        |
------------------------------------------------------------


Top 8 Cities to Visit Temples:
1. Varanasi
2. Amritsar
3. Khajuraho
4. Puri
5. Ayodhya
6. Mathura
7. Haridwar
8. Dwarka

Select the city to visit:7

You have selected Haridwar
Haridwar is one of the first towns where Ganga emerges from the mountains to touch the planes

Press 1 to see temples in Haridwar:1

Temples in Haridwar:
1.Mansa Devi Temple.
2.Maya Devi Temple.
Choose the Temple:1

You have selected (Mansa Devi Temple)
Mansa Devi Temple, Haridwar is a Hindu temple dedicated to goddess Mansa Devi in the holy city of Haridwar in the Uttarakhand state of India.
The temple is located atop the Bilwa Parvat on the Sivalik Hills, the southernmost mountain chain of the Himalayas.

Enter number of Members:1


Enter passenger name :yamini
Enter passenger age   :21
Enter passenger Gender  :female


------------------------------------------------------------
--------------------------------------------------
Temple Details:
--------------------------------------------------
||Temple : Mansa Devi Temple            ||
||City: Haridwar                        ||
||Total Cost: 500.00                    ||
--------------------------------------------------
Passenger Details:
--------------------------------------------------
Name: yamini
Age: 21
Gender: female


------------------------------------------------------------
Temple record stored successfully
```

```
-------------------------------------------------------
|       Welcome to the Temple Management System!        |
-------------------------------------------------------


Top 8 Cities to Visit Temples:
1. Varanasi
2. Amritsar
3. Khajuraho
4. Puri
5. Ayodhya
6. Mathura
7. Haridwar
8. Dwarka

Select the city to visit:8

You have selected Dwarka
Dwarka was the legendary capital of the god Krishna, who founded it after his flight from Mathura. Its consequent sanctity makes it one of the seven great places of Hindu pilgrimage.

Press 1 to see temples in Dwarka:1

Temples in Dwarka:
1.Dwarkadhish Temple.
2.Ranchhodraiji Temple (Dakor).
Choose the Temple:2

You have selected (Ranchhodraiji Temple (Dakor))
The main temple, enclosed by a fort wall, is situated near the bank of the holy lake Gomti in the midst of the main bazaar of Dakor.
The temple is covered with 8 domes and 24 turrets, with the central dome reaching a height of 27 m.
Crowned with a golden kalash and a white silken flag, this temple is the tallest in the district.

Enter number of Members:1


Enter passenger name :yamini
Enter passenger age  :21
Enter passenger Gender  :female


-----------------------------------------------------
-----------------------------------------------
Temple Details:
-----------------------------------------------
||Temple : Ranchhodraiji Temple         ||
||City: Dwarka                          ||
||Total Cost: 1500.00                    ||
-----------------------------------------------
Passenger Details:
-----------------------------------------------
Name: yamini
Age: 21
Gender: female
-----------------------------------------------

-----------------------------------------------------
Temple record stored successfully
```