package miniProjects;

import java.util.\*;

import java.io.\*;

import java.sql.\*;

import java.util.logging.Level;

import java.util.logging.Logger;

// Class for Hotel recommendation

class hotels{

String cityName;

String HotelName;

String price;

String rating;

}

// Class for Place recommendation

class place{

place next;

String place;

String City;

place(String []places){

this.City=places[0];

this.place=places[1];

}

place(){

next=null;

}

}

// Linked List for Places to visit

class list{

place head;

list(){

head=null;

}

void places1(int p,int d,String place[]) throws IOException

{

//System.out.println("p"+p);

//System.out.println("d"+d);

//System.out.println(Arrays.toString(place));

String line="";

//read text file

BufferedReader br;

br = new BufferedReader(new FileReader("C:\\Users\\nandg\\eclipse-workspace\\miniProjects\\src\\miniProjects\\places"));

System.out.println("\n\n\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*SUGGESTIONS OF PLACES\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

System.out.println(" \nHERE IS LIST OF SOME PLACES YOU MAY LIKE TO VISIT 8-)");

while((line=br.readLine())!=null)

{

String w[]=line.split(" ");

int k=p;

int last=d;

for(int a=k;a<=last;a++) {

if(place[a].equals(w[0])) {

//System.out.println("\n\ncity name:"+w[0]);

//System.out.println("place name:"+w[1]);

place temp=new place(w);

if(head==null) {

head=temp;

//System.out.println(temp.City);

}

else {

place ptr=head;

while(ptr.next!=null) {

//System.out.println("city:"+ptr.City);

//System.out.println("place:"+ptr.place);

ptr=ptr.next;

}

ptr.next=temp;

}

}

}

}

printplace();

}

void printplace()

{

if(head==null) {

System.out.println("list is empty");

}

else {

place curr = head;

while(curr!=null) {

int i=1;

System.out.print("\n| City : "+curr.City+" | ");

System.out.print(" Place name:"+curr.place+" |\n");

System.out.println("\n----------------------------------------------------------------------------------");

curr=curr.next;

}

System.out.println();

}

}

}

//Input source destination

class input

{

Scanner sc=new Scanner(System.in);

void busnew() throws IOException {

String line="";

//read text file

BufferedReader br;

Scanner sc=new Scanner(System.in);

br = new BufferedReader(new FileReader("C:\\Users\\nandg\\eclipse-workspace\\miniProjects\\src\\miniProjects\\bus"));

//index =index of city array

//row=index of row

//column=index of column

boolean flag=false;

input ob=new input();

System.out.println("Enter start point:");

int start=sc.nextInt();

int [][] bus=new int [10][10];

while((line=br.readLine())!=null)

{

// System.out.println(line);

String w[]=line.split(" ");

//String c[]=city;

String b[]=new String [12];

b[0]="Solapur";

b[1]="Sangli";

b[2]="Parbhani";

b[3]="Nanded";

b[4]="Nagpur";

b[5]="Buldhana";

b[6]="Pune";

b[7]="Ratnagiri";

b[8]="Ahmadnagar";

int k=start-1;

if(b[k].equals(w[0])) {

System.out.println("\n\n\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_");

System.out.println("\n\n ------------ --------------");

System.out.println("| "+w[0]+" | ----> | "+w[1]+" |");

System.out.println(" ------------ --------------");

System.out.print("\n\nBus name:"+w[2]);

System.out.print("| Price:"+w[3]);

System.out.print("| Ratings:"+w[4]);

}

}

}

int displaymenu() {

System.out.println("\n\n\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*LIST OF CITIES\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\n");

System.out.println("--------------------------------------------------------------------------------------------------------------------------------------");

System.out.println("1).| Solapur | 2).| Sangli | 3).| Parbhani | 4).| Nanded | 5).| Buldhana | 6).| Nagpur | 7).| Pune | 8).| Ratnagiri | 9).| Ahmadnagar |");

System.out.println("--------------------------------------------------------------------------------------------------------------------------------------\n");

System.out.println("Enter which city you want as your starting location/point:");

System.out.println("(Enter number of that city)");

int point=sc.nextInt();

int index=point-1;

return index;

}

public void read()

{

try {

String line="";

//read text file

BufferedReader br;

br = new BufferedReader(new FileReader("C:\\Users\\nandg\\eclipse-workspace\\miniProjects\\src\\miniProjects\\distancenew"));

//index =index of city array

//row=index of row

//column=index of column

int index=0,row=0,column=0;

String[] city= new String[12];

boolean flag=false;

int graph[][] = new int[12][12];

while((line=br.readLine())!=null)

{

// System.out.println(line);

//word[0]=start word[1]=destination word[2]=distance

String w[]=line.split(" ");

//for(int i=0;i<w.length;i++)

//System.out.println("words:"+w[i]);

// check if city is already inserted in aaray

flag=false;

for(int p=0;p<index;p++)

{

if(city[p].equals(w[0])){

flag=true;

row=p;

}

}

if(flag==false)

{

city[index++]=w[0];

row=index-1;

}

flag=false;

for(int p=0;p<index;p++)

{

if(city[p].equals(w[1]))

{ flag=true;

column=p;

}

}

if(flag==false)

{

city[index++]=w[1];

column=index-1;

}

//print city array

//System.out.println (index1+ " "+index2 + " "+index);

//convert string dis into int and store in graph

graph[row][column]=Integer.parseInt(w[2]);

//System.out.println(graph[row][column]);

}

System.out.println("\n\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

System.out.println("\nCities:");

System.out.println(Arrays.toString(city));

System.out.println("\n\nMatrix form:");

System.out.println("\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_");

for (int k=0;k<=10;k++)

{

for(int m=0;m<=10;m++) {

System.out.print(graph[k][m]+ " | ");

}

System.out.println(" ");

System.out.println("\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_");

}

ShortestPath t = new ShortestPath();

int startingPoint=displaymenu();

System.out.print("Enter destination:");

int destination=sc.nextInt();

int destindex=destination-1;

t.dijkstra(graph, startingPoint, city,destindex);

}catch (Exception ex) {

System.out.println(ex);

}

}

}

class ShortestPath {

// A utility function to find the vertex with minimum distance value,

// from the set of vertices not yet included in shortest path tree

static final int V = 9;

int minDistance(int dist[], Boolean visited[])

{

// Initialize min value

int min = Integer.MAX\_VALUE, min\_index = -1;

for (int v = 0; v < V; v++)

if (visited[v] == false && dist[v] <= min) {

min = dist[v];

min\_index = v;

}

return min\_index;

}

// A utility function to print the constructed distance array

void printSolution(int dist[], int n, String[] city, int point, int dest) throws IOException

{

System.out.println("Source City ----> "+city[point]);

System.out.println("\nDestination ---->"+city[dest]);

System.out.println("\nDISPLAYING TIME TAKEN TO TRAVEL FROM SOURCE CITY TO DESTINATION");

System.out.println("\n\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_");

System.out.println("Starting city | Time taken from Source city");

System.out.println("\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_");

for (int i = point; i <= dest; i++) {

System.out.println(city[i] + " " + dist[i]);

System.out.println("\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_");

}

hotels(city,point,dest);

}

void hotels (String[] city1,int point,int dest) throws IOException {

String line="";

//read text file

BufferedReader br;

br = new BufferedReader(new FileReader("C:\\Users\\nandg\\eclipse-workspace\\miniProjects\\src\\miniProjects\\Hotel"));

//index =index of city array

//row=index of row

//column=index of column

int index=0,row=0,column=0;

int k=0,last=0;

String[] city= new String[12];

boolean flag=false;

int graph[][] = new int[12][12];

System.out.println("\n\n\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*SUGGESTIONS OF HOTELS\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\n");

System.out.println(" Here are list of some hotels in case you will to take rest (^^)");

System.out.println();

while((line=br.readLine())!=null)

{

String w[]=line.split(" ");

k=point;

last=dest;

for(int a=k;a<=last;a++) {

if(city1[a].equals(w[0])) {

System.out.println("--------------------------------------------------------------------------------------------------");

System.out.println((a+1)+"). \t\t\*\*\*\*\*| "+w[0]+" |\*\*\*\*\*\n");

System.out.println(" | hotel name : "+w[1]+" | price : "+w[2]+" | ratings : "+w[3]+" |");

//System.out.println("--------------------------------------------------------------------------------------------------");

}

}

System.out.println();

}

list y=new list();

y.places1(k,last,city1);

System.out.println("Hope you enjpoy your trip :)");

}

void dijkstra(int graph[][], int point, String[] city,int dest) throws IOException

{

int dist[] = new int[V]; //The output array.

//dist[i] will hold the shortest distance from point to i

// visited[i] will true if vertex i is included in shortest

Boolean visited[] = new Boolean[V]; //size 9

// Initialize all distances as INFINITE and visited[] as false

for (int i = 0; i < V; i++) {

dist[i] = Integer.MAX\_VALUE;

visited[i] = false;

}

// Distance of source vertex from itself is always 0

dist[point] = 0;

// Find shortest path for all vertices

for (int count = 0; count < V - 1; count++) {

// minimum distance vertex from the set of vertices is selected

// not yet processed. u is always equal to point in first iteration.

int u = minDistance(dist, visited);

// Mark the picked vertex as visited

visited[u] = true;

// Update dist value of the adjacent vertices of the

// picked vertex.

for (int v = 0; v < V; v++)

// Update dist[v] only if is not in dist, there is an edge from u to v, and total weight of path from point to

// v through u is smaller than current value of dist[v]

if (!visited[v] && graph[u][v] != 0 && dist[u] != Integer.MAX\_VALUE && dist[u] + graph[u][v] < dist[v])

dist[v] = dist[u] + graph[u][v];

}

// print the constructed distance array

printSolution(dist, V, city,point, dest);

}

}

public class BookHotels {

public static void main(String[] args) throws IOException {

// TODO Auto-generated method stub

input ob=new input();

list ob1=new list();

Scanner sc=new Scanner(System.in);

int ans=0;

System.out.println("\t\t\t\t\t\t\t\t\t \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_");

System.out.println("\t\t\t\t\t\t\t\t\t| |");

System.out.println("\t\t\t\t\t\t\t\t\t| TRAVEL PLANNER |");

System.out.println("\t\t\t\t\t\t\t\t\t|\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_|");

do {

System.out.println("-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------");

System.out.println("\n1) < Shortest distance between two cities >\n\n2) < See available buses for a city >\n");

System.out.println("Enter your choice:");

int ch=sc.nextInt();

switch(ch) {

case 1:

ob.read();

break;

case 2:

ob.busnew();

break;

default:

System.out.println("Enter valid choice......");

}

System.out.println("\n\nDo you want to continue?");

System.out.println("If yes press 1 else press 0");

ans=sc.nextInt();

if(ans==1) {

System.out.println("You are being redirected to menu page...................");

}

else {

System.out.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*THANYOU! VISIT AGAIN!!\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

}

}while(ans!=0);

}

}

/\* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

| |

| TRAVEL PLANNER |

|\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_|

-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

1) < Shortest distance between two cities >

2) < See available buses for a city >

Enter your choice:

1

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Cities:

[Solapur, Sangli, Parbhani, Nanded, Nagpur, Buldhana, Pune, Ratnagiri, Ahmadnagar, null, null, null]

Matrix form:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

0 | 3 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 |

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3 | 0 | 8 | 9 | 0 | 0 | 0 | 7 | 0 | 0 | 0 |

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

0 | 8 | 0 | 2 | 4 | 0 | 0 | 0 | 7 | 0 | 0 |

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

0 | 9 | 2 | 0 | 7 | 5 | 0 | 0 | 0 | 0 | 0 |

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

0 | 0 | 4 | 7 | 0 | 7 | 9 | 0 | 0 | 0 | 0 |

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

0 | 0 | 0 | 5 | 7 | 0 | 0 | 0 | 0 | 0 | 0 |

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

0 | 0 | 0 | 0 | 9 | 0 | 0 | 5 | 3 | 0 | 0 |

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

8 | 7 | 0 | 0 | 0 | 0 | 5 | 0 | 7 | 0 | 0 |

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

0 | 0 | 7 | 0 | 0 | 0 | 3 | 7 | 0 | 0 | 0 |

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*LIST OF CITIES\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

--------------------------------------------------------------------------------------------------------------------------------------

1).| Solapur | 2).| Sangli | 3).| Parbhani | 4).| Nanded | 5).| Buldhana | 6).| Nagpur | 7).| Pune | 8).| Ratnagiri | 9).| Ahmadnagar |

--------------------------------------------------------------------------------------------------------------------------------------

Enter which city you want as your starting location/point:

(Enter number of that city)

1

Enter destination:5

Source City ----> Solapur

Destination ---->Nagpur

DISPLAYING TIME TAKEN TO TRAVEL FROM SOURCE CITY TO DESTINATION

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Starting city | Time taken from Source city

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Solapur 0

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Sangli 3

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Parbhani 11

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Nanded 12

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Nagpur 15

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*SUGGESTIONS OF HOTELS\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Here are list of some hotels in case you will to take rest (^^)

--------------------------------------------------------------------------------------------------

1). \*\*\*\*\*| Solapur |\*\*\*\*\*

| hotel name : Grand | price : 4000 | ratings : 3 |

--------------------------------------------------------------------------------------------------

1). \*\*\*\*\*| Solapur |\*\*\*\*\*

| hotel name : Amruta | price : 3000 | ratings : 4 |

--------------------------------------------------------------------------------------------------

1). \*\*\*\*\*| Solapur |\*\*\*\*\*

| hotel name : Milan | price : 4000 | ratings : 4 |

--------------------------------------------------------------------------------------------------

2). \*\*\*\*\*| Sangli |\*\*\*\*\*

| hotel name : Aishwara | price : 5000 | ratings : 4 |

--------------------------------------------------------------------------------------------------

2). \*\*\*\*\*| Sangli |\*\*\*\*\*

| hotel name : Sidhant | price : 4000 | ratings : 4 |

--------------------------------------------------------------------------------------------------

2). \*\*\*\*\*| Sangli |\*\*\*\*\*

| hotel name : Prajesh | price : 3000 | ratings : 3 |

--------------------------------------------------------------------------------------------------

3). \*\*\*\*\*| Parbhani |\*\*\*\*\*

| hotel name : Abhinav | price : 6000 | ratings : 4 |

--------------------------------------------------------------------------------------------------

3). \*\*\*\*\*| Parbhani |\*\*\*\*\*

| hotel name : Leela | price : 4000 | ratings : 5 |

--------------------------------------------------------------------------------------------------

4). \*\*\*\*\*| Nanded |\*\*\*\*\*

| hotel name : Manas | price : 3000 | ratings : 4 |

--------------------------------------------------------------------------------------------------

5). \*\*\*\*\*| Nagpur |\*\*\*\*\*

| hotel name : Gaurav | price : 5000 | ratings : 4 |

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*SUGGESTIONS OF PLACES\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

HERE IS LIST OF SOME PLACES YOU MAY LIKE TO VISIT 8-)

| City : Solapur | Place name:Sidheshwar\_temple |

----------------------------------------------------------------------------------

| City : Solapur | Place name:Animal\_Park |

----------------------------------------------------------------------------------

| City : Solapur | Place name:Garden |

----------------------------------------------------------------------------------

| City : Sangli | Place name:WCE\_College |

----------------------------------------------------------------------------------

| City : Sangli | Place name:DMart |

----------------------------------------------------------------------------------

| City : Sangli | Place name:open\_Garden |

----------------------------------------------------------------------------------

| City : Parbhani | Place name:shiv\_Temple |

----------------------------------------------------------------------------------

| City : Parbhani | Place name:friends\_Garden |

----------------------------------------------------------------------------------

| City : Nanded | Place name:palace |

----------------------------------------------------------------------------------

| City : Nanded | Place name:Masjit |

----------------------------------------------------------------------------------

| City : Nagpur | Place name:fashion\_street |

----------------------------------------------------------------------------------

| City : Nagpur | Place name:Vnit\_campus |

----------------------------------------------------------------------------------

Hope you enjpoy your trip :)

Do you want to continue?

If yes press 1 else press 0

1

You are being redirected to menu page...................

-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

1) < Shortest distance between two cities >

2) < See available buses for a city >

Enter your choice:

1

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Cities:

[Solapur, Sangli, Parbhani, Nanded, Nagpur, Buldhana, Pune, Ratnagiri, Ahmadnagar, null, null, null]

Matrix form:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

0 | 3 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 |

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3 | 0 | 8 | 9 | 0 | 0 | 0 | 7 | 0 | 0 | 0 |

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

0 | 8 | 0 | 2 | 4 | 0 | 0 | 0 | 7 | 0 | 0 |

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

0 | 9 | 2 | 0 | 7 | 5 | 0 | 0 | 0 | 0 | 0 |

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

0 | 0 | 4 | 7 | 0 | 7 | 9 | 0 | 0 | 0 | 0 |

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

0 | 0 | 0 | 5 | 7 | 0 | 0 | 0 | 0 | 0 | 0 |

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

0 | 0 | 0 | 0 | 9 | 0 | 0 | 5 | 3 | 0 | 0 |

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

8 | 7 | 0 | 0 | 0 | 0 | 5 | 0 | 7 | 0 | 0 |

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0 | 0 | 7 | 0 | 0 | 0 | 3 | 7 | 0 | 0 | 0 |

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0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

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0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*LIST OF CITIES\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

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1).| Solapur | 2).| Sangli | 3).| Parbhani | 4).| Nanded | 5).| Buldhana | 6).| Nagpur | 7).| Pune | 8).| Ratnagiri | 9).| Ahmadnagar |

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Enter which city you want as your starting location/point:

(Enter number of that city)

1

Enter destination:9

Source City ----> Solapur

Destination ---->Ahmadnagar

DISPLAYING TIME TAKEN TO TRAVEL FROM SOURCE CITY TO DESTINATION

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Starting city | Time taken from Source city

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Solapur 0

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Sangli 3

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Parbhani 11

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Nanded 12

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Nagpur 15

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Buldhana 17

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Pune 13

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Ratnagiri 8

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Ahmadnagar 15

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*SUGGESTIONS OF HOTELS\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Here are list of some hotels in case you will to take rest (^^)

--------------------------------------------------------------------------------------------------

1). \*\*\*\*\*| Solapur |\*\*\*\*\*

| hotel name : Grand | price : 4000 | ratings : 3 |

--------------------------------------------------------------------------------------------------

1). \*\*\*\*\*| Solapur |\*\*\*\*\*

| hotel name : Amruta | price : 3000 | ratings : 4 |

--------------------------------------------------------------------------------------------------

1). \*\*\*\*\*| Solapur |\*\*\*\*\*

| hotel name : Milan | price : 4000 | ratings : 4 |

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2). \*\*\*\*\*| Sangli |\*\*\*\*\*

| hotel name : Aishwara | price : 5000 | ratings : 4 |

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2). \*\*\*\*\*| Sangli |\*\*\*\*\*

| hotel name : Sidhant | price : 4000 | ratings : 4 |

--------------------------------------------------------------------------------------------------

2). \*\*\*\*\*| Sangli |\*\*\*\*\*

| hotel name : Prajesh | price : 3000 | ratings : 3 |

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3). \*\*\*\*\*| Parbhani |\*\*\*\*\*

| hotel name : Abhinav | price : 6000 | ratings : 4 |

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3). \*\*\*\*\*| Parbhani |\*\*\*\*\*

| hotel name : Leela | price : 4000 | ratings : 5 |

--------------------------------------------------------------------------------------------------

4). \*\*\*\*\*| Nanded |\*\*\*\*\*

| hotel name : Manas | price : 3000 | ratings : 4 |

--------------------------------------------------------------------------------------------------

6). \*\*\*\*\*| Buldhana |\*\*\*\*\*

| hotel name : Indra | price : 4000 | ratings : 5 |

--------------------------------------------------------------------------------------------------

5). \*\*\*\*\*| Nagpur |\*\*\*\*\*

| hotel name : Gaurav | price : 5000 | ratings : 4 |

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7). \*\*\*\*\*| Pune |\*\*\*\*\*

| hotel name : Sarang | price : 6000 | ratings : 5 |

--------------------------------------------------------------------------------------------------

8). \*\*\*\*\*| Ratnagiri |\*\*\*\*\*

| hotel name : Royal | price : 5000 | ratings : 4 |

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9). \*\*\*\*\*| Ahmadnagar |\*\*\*\*\*

| hotel name : Payal | price : 3000 | ratings : 5 |

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*SUGGESTIONS OF PLACES\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

HERE IS LIST OF SOME PLACES YOU MAY LIKE TO VISIT 8-)

| City : Solapur | Place name:Sidheshwar\_temple |

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| City : Solapur | Place name:Animal\_Park |

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| City : Solapur | Place name:Garden |

----------------------------------------------------------------------------------

| City : Sangli | Place name:WCE\_College |

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| City : Sangli | Place name:DMart |

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| City : Sangli | Place name:open\_Garden |

----------------------------------------------------------------------------------

| City : Parbhani | Place name:shiv\_Temple |

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| City : Parbhani | Place name:friends\_Garden |

----------------------------------------------------------------------------------

| City : Nanded | Place name:palace |

----------------------------------------------------------------------------------

| City : Nanded | Place name:Masjit |

----------------------------------------------------------------------------------

| City : Buldhana | Place name:laxmi\_market |

----------------------------------------------------------------------------------

| City : Buldhana | Place name:gandhi\_meuseum |

----------------------------------------------------------------------------------

| City : Nagpur | Place name:fashion\_street |

----------------------------------------------------------------------------------

| City : Nagpur | Place name:Vnit\_campus |

----------------------------------------------------------------------------------

| City : Pune | Place name:Fc\_road |

----------------------------------------------------------------------------------

| City : Pune | Place name:shaniwarwada |

----------------------------------------------------------------------------------

| City : Ratnagiri | Place name:raj\_farms |

----------------------------------------------------------------------------------

| City : Ratnagiri | Place name:fort |

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| City : Ahmadnagar | Place name:Hello!\_shoppingMall |

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| City : Ahmadnagar | Place name:sagar\_foodCourt |

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Hope you enjpoy your trip :)

Do you want to continue?

If yes press 1 else press 0

1

You are being redirected to menu page...................

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1) < Shortest distance between two cities >

2) < See available buses for a city >

Enter your choice:

1

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Cities:

[Solapur, Sangli, Parbhani, Nanded, Nagpur, Buldhana, Pune, Ratnagiri, Ahmadnagar, null, null, null]

Matrix form:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

0 | 3 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 |

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3 | 0 | 8 | 9 | 0 | 0 | 0 | 7 | 0 | 0 | 0 |

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

0 | 8 | 0 | 2 | 4 | 0 | 0 | 0 | 7 | 0 | 0 |

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

0 | 9 | 2 | 0 | 7 | 5 | 0 | 0 | 0 | 0 | 0 |

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

0 | 0 | 4 | 7 | 0 | 7 | 9 | 0 | 0 | 0 | 0 |

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

0 | 0 | 0 | 5 | 7 | 0 | 0 | 0 | 0 | 0 | 0 |

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

0 | 0 | 0 | 0 | 9 | 0 | 0 | 5 | 3 | 0 | 0 |

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

8 | 7 | 0 | 0 | 0 | 0 | 5 | 0 | 7 | 0 | 0 |

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

0 | 0 | 7 | 0 | 0 | 0 | 3 | 7 | 0 | 0 | 0 |

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*LIST OF CITIES\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

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1).| Solapur | 2).| Sangli | 3).| Parbhani | 4).| Nanded | 5).| Buldhana | 6).| Nagpur | 7).| Pune | 8).| Ratnagiri | 9).| Ahmadnagar |

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Enter which city you want as your starting location/point:

(Enter number of that city)

1

Enter destination:4

Source City ----> Solapur

Destination ---->Nanded

DISPLAYING TIME TAKEN TO TRAVEL FROM SOURCE CITY TO DESTINATION

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Starting city | Time taken from Source city

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Solapur 0

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Sangli 3

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Parbhani 11

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Nanded 12

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*SUGGESTIONS OF HOTELS\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Here are list of some hotels in case you will to take rest (^^)

--------------------------------------------------------------------------------------------------

1). \*\*\*\*\*| Solapur |\*\*\*\*\*

| hotel name : Grand | price : 4000 | ratings : 3 |

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1). \*\*\*\*\*| Solapur |\*\*\*\*\*

| hotel name : Amruta | price : 3000 | ratings : 4 |

--------------------------------------------------------------------------------------------------

1). \*\*\*\*\*| Solapur |\*\*\*\*\*

| hotel name : Milan | price : 4000 | ratings : 4 |

--------------------------------------------------------------------------------------------------

2). \*\*\*\*\*| Sangli |\*\*\*\*\*

| hotel name : Aishwara | price : 5000 | ratings : 4 |

--------------------------------------------------------------------------------------------------

2). \*\*\*\*\*| Sangli |\*\*\*\*\*

| hotel name : Sidhant | price : 4000 | ratings : 4 |

--------------------------------------------------------------------------------------------------

2). \*\*\*\*\*| Sangli |\*\*\*\*\*

| hotel name : Prajesh | price : 3000 | ratings : 3 |

--------------------------------------------------------------------------------------------------

3). \*\*\*\*\*| Parbhani |\*\*\*\*\*

| hotel name : Abhinav | price : 6000 | ratings : 4 |

--------------------------------------------------------------------------------------------------

3). \*\*\*\*\*| Parbhani |\*\*\*\*\*

| hotel name : Leela | price : 4000 | ratings : 5 |

--------------------------------------------------------------------------------------------------

4). \*\*\*\*\*| Nanded |\*\*\*\*\*

| hotel name : Manas | price : 3000 | ratings : 4 |

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*SUGGESTIONS OF PLACES\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

HERE IS LIST OF SOME PLACES YOU MAY LIKE TO VISIT 8-)

| City : Solapur | Place name:Sidheshwar\_temple |

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| City : Solapur | Place name:Animal\_Park |

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| City : Solapur | Place name:Garden |

----------------------------------------------------------------------------------

| City : Sangli | Place name:WCE\_College |

----------------------------------------------------------------------------------

| City : Sangli | Place name:DMart |

----------------------------------------------------------------------------------

| City : Sangli | Place name:open\_Garden |

----------------------------------------------------------------------------------

| City : Parbhani | Place name:shiv\_Temple |

----------------------------------------------------------------------------------

| City : Parbhani | Place name:friends\_Garden |

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| City : Nanded | Place name:palace |

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| City : Nanded | Place name:Masjit |

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Hope you enjpoy your trip :)

Do you want to continue?

If yes press 1 else press 0

1

You are being redirected to menu page...................

-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

1) < Shortest distance between two cities >

2) < See available buses for a city >

Enter your choice:

2

Enter start point:

4

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| Nanded | ----> | Buldhana |

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Bus name:Yuga| Price:4000| Ratings:3

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| Nanded | ----> | Nagpur |

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Bus name:LNT| Price:3500| Ratings:5

Do you want to continue?

If yes press 1 else press 0

1

You are being redirected to menu page...................

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1) < Shortest distance between two cities >

2) < See available buses for a city >

Enter your choice:

2

Enter start point:

2

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| Sangli | ----> | Parbhani |

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Bus name:Neeta| Price:2000| Ratings:3

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| Sangli | ----> | Nanded |

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Bus name:Purple| Price:3000| Ratings:4

Do you want to continue?

If yes press 1 else press 0

0

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*THANYOU! VISIT AGAIN!!\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\*/

1. bus

Solapur Sangli VRL 3000 4

Sangli Parbhani Neeta 2000 3

Sangli Nanded Purple 3000 4

Parbhani Nanded chanchal 2500 3

Parbhani Nagpur LNT 6000 4

Nanded Buldhana Yuga 4000 3

Nanded Nagpur LNT 3500 5

Buldhana Nagpur Rachna 2000 3

Nagpur Buldhana VRL 3000 3

Nagpur Pune NI3 2500 4

Solapur Ratnagiri ZingBus 2000 2

Pune Ratnagiri OnlineGo 2000 3

Pune Ahmadnagar Yuga 1000 4

Ratnagiri Ahmadnagar Purple 2500 3

Ahmadnagar Parbhani Yuga 3000 3

1. places

Solapur Sidheshwar\_temple

Solapur Animal\_Park

Solapur Garden

Sangli WCE\_College

Sangli DMart

Sangli open\_Garden

Parbhani shiv\_Temple

Parbhani friends\_Garden

Nanded palace

Nanded Masjit

Buldhana laxmi\_market

Buldhana gandhi\_meuseum

Nagpur fashion\_street

Nagpur Vnit\_campus

Pune Fc\_road

Pune shaniwarwada

Ratnagiri raj\_farms

Ratnagiri fort

Ahmadnagar Hello!\_shoppingMall

Ahmadnagar sagar\_foodCourt

3)hotels

Solapur Grand 4000 3

Solapur Amruta 3000 4

Solapur Milan 4000 4

Sangli Aishwara 5000 4

Sangli Sidhant 4000 4

Sangli Prajesh 3000 3

Parbhani Abhinav 6000 4

Parbhani Leela 4000 5

Nanded Manas 3000 4

Buldhana Indra 4000 5

Nagpur Gaurav 5000 4

Pune Sarang 6000 5

Ratnagiri Royal 5000 4

Ahmadnagar Payal 3000 5

4) time

Solapur Sangli 3

Sangli Solapur 3

Sangli Parbhani 8

Sangli Nanded 9

Nanded Sangli 9

Parbhani Sangli 8

Parbhani Nanded 2

Parbhani Nagpur 4

Nanded Parbhani 2

Nanded Buldhana 5

Nanded Nagpur 7

Buldhana Nanded 5

Buldhana Nagpur 7

Nagpur Parbhani 4

Nagpur Nanded 7

Nagpur Buldhana 7

Nagpur Pune 9

Pune Nagpur 9

Solapur Ratnagiri 8

Pune Ratnagiri 5

Ratnagiri Solapur 8

Ratnagiri Sangli 7

Sangli Ratnagiri 7

Ratnagiri Pune 5

Parbhani Ahmadnagar 7

Pune Ahmadnagar 3

Ratnagiri Ahmadnagar 7

Ahmadnagar Parbhani 7

Ahmadnagar Pune 3

Ahmadnagar Ratnagiri 7