#include<iostream>

#include<vector>

using namespace std;

void djik(vector<vector<int>>\*mat,vector<int>\*distance,vector<int>\*path,int V)

{

int s=0;

int path[0]=0;

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

{

}

}

int main()

{

cout<<"ENTER NUMBER OF VERTICES";

int V;

cin>>V;

cout<<"ENTER THE ELEMENTS IN 2D VECTOR";

vector<vector<int>>mat(V,vector<int>V);

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

{

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

{

cout<<"ENTER THE ELEMENT"<<i<<"AND"<<j;

cin>>mat[i][j];

}

}

vector<int>distance(V,INT\_MAX);

vector<bool>path(V,false);

djik(mat,distance,path,V);

}