**PROGRAM:**

#include<iostream>

using namespace std;

int main()

{

int a[10][10];

int i,j,k,pos,saddle,flag,row,col;

cout<<"\nenter the row size of array\n";

cin>>row;

cout<<"\nenter the column size of the array\n";

cin>>col;

cout<<"\nenter the matrix elements\n";

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

for(j=0;j<col;j++)

cin>>a[i][j];

cout<<"\nyou entered this matrix";

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

{

cout<<endl;

for(j=0;j<col;j++)

cout<<a[i][j]<<"\t";

}

cout<<endl;

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

{

flag=1;

saddle=a[i][0];

pos=0;

for(j=1;j<col;j++)

{

if(a[i][j]<saddle)

{

saddle=a[i][j];

pos=j;

}

}

for(k=0;k<row;k++)

{

if(a[k][pos]>saddle)

{

flag=0;

break;

}

}

if(flag==1)

cout<<"The saddle point of row "<<i+1<<" is "<<saddle<<endl;

}

if(flag==0)

cout<<"\nsaddle point does not exist\n";

return 0;

}

**OUTPUT:**

enter the row size of array

3

enter the column size of the array

3

enter the matrix elements

1 2 3 4 5 6 7 8 9

you entered this matrix

1 2 3

4 5 6

7 8 9

The saddle point of row 3 is 7