Celebrity problem

Find the indegree and out degree

Indegree means they know the celebrity

Outdegree mean celebrity does know him

public class MyClass {

int static MATRIX[4][4] = {{0, 0, 1, 0},

{0, 0, 1, 0},

{0, 0, 0, 0},

{0, 0, 1, 0}};

public static void main(String args[])

{

int n=4;

int ans=celebrity(n);

System.out.println("Celebrity " + ans);

}

public int celebrity(int n)

{

int[] indegree=new int[n];

int[] outdegree=new int[n];

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

{

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

{

int x=MATRIX[i][j];

indegree[i] +=x;

outdegree[j] +=x;

}

}

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

{

if(indegree[i]==n-1 && outdegree[i]==0)

{

return i;

}

}

return -1;

}

}