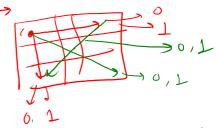


Given a 3*3 matrix that contains only 0 and 1. There are two players, player 0 and player 1. A player wins if any row or column or left diagonal or right diagonal contains only the value 0 or only the value 1. If any player wins then print "Game ends" otherwise print "Draw"



Sample Input 0



Games End

Sample Input 1



Sample Output 1

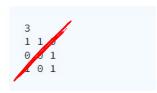
Draw

for () of

U) Gams End

by cell Travelled of the Color of the Color

Sample Input 1



Sample Output 1

Draw

```
and 2 - false

and 2 - false

and 3 = false

and 4 = false

ich lejen
```

```
public static boolean checkRow(int arr[][],int row){
   int n=arr.length;
   int count=0;
   for(int j=0;j<n;j++){
       if(arr[row][j]==0){
           count++;
   if(count==n){
       return true;
   for(int j=0;j<n;j++){
       if(arr[row][j]==1){
           count++;
   if(count==n){
       return true;
   return false:
          (0,0)
```

```
public static boolean checkCol(int arr[][],int col){
   int n=arr.length;
   int count=0;
   for(int i=0;i<n;i++){
       if(arr[i][col]==0){
           count++;
   if(count==n){
       return true;
   for(int i=0;i<n;i++){
        if(arr[i][col]==1){
           count++;
   if(count==n){
       return true;
   return false;
public static boolean checkRightDiagonal(int arr[][],int row,int col){
   int n=arr.length;
   int count=0;
   for(int i=row,j=col;i<n && j>=0;j--,i++){
       if(arr[i][j]==0){
           count++;
   if(count==n){
       return true;
    count=0;
    for(int i=row,j=col;i<n && j>=0;j--,i++){
       if(arr[i][j]==1){
    count++:
   if(count==n){
       return true;
   return false;
```

```
public static boolean checkRightDiagonal(int arr[]],int row,int col){ public static boolean checkLeftDiagonal(int arr[]],int row,int col){
                                                                           int n=arr.length;
   int n=arr.length;
                                                                           int count=0;
   int count=0;
                                                                           for(int i=row,j=col;i<n && j<n;j++,i++){
   for(int i=row,j=col;i<n && j>=0;j--,i++){
       if(arr[i][i]==0){
                                                                               if(arr[i][j]==0){
           count++;
                                                                                  count++;
   if(count==n){
                                                                           if(count==n){
      return true;
                                                                               return true;
    count=0:
                                                                           count=0;
   for(int i=row,j=col;i<n && j>=0;j--,i++){
                                                                           for(int i=row,j=col;i<n && j<n;j++,i++){
      if(arr[i][j]==1){
                                                                               if(arr[i][j]==1){
           count++;
                                                                                  count++;
   if(count==n){
                                                                           if(count==n){
      return true;
   return false;
                                                                           return false;
```



```
int count=0;
                                                    int count=0;
for(int i=0;i<n;i++){
                                                    for(int j=0;j<n;j++){
   if(arr[i][col]==0){
                                                       if(arr[row][j]==0){
       count++;
                                                           count++;
if(count==n){
                                                    if(count==n){
   return true:
                                                       return true;
                                                      - count =0
for(int i=0;i<n;i++){
                                                    for(int j=0;j<n;j++){
   if(arr[i][col]==1){
      count++;
                                                       if(arr[row][j]==1){
                                                          count++;
if(count==n){
   return true;
                                                    if(count==n){
                                                       return true:
return false;
                                                    return false;
                          public static String ticTacToe(int arr[][]){
                              int n=arr.length;
                              for(int i=0;i<n;i++){
                                  for(int j=0;j<n;j++){
                                      boolean ans1=checkRow(arr,i);
                                      boolean ans2=checkCol(arr,j);
                                      boolean ans3=checkLeftDiagonal(arr,i,j);
                                      boolean ans4-checkRightDiagonal(arr,i,j);
                                      if(ans1==true || ans2==true || ans3==true || ans4==true ){
                                          return "Games End":
                              return "Draw";
```

public static boolean checkRow(int arr[][],int row){

int n=arr.length;

public static boolean checkCol(int arr[][],int col){

int n=arr.length;

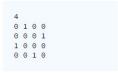


Problem Submissions Leaderboard

Discussions

Given a n*n chess board that contains 0 and 1.0 means there is nothing at that place. 1 means there is a gueen at that place. Print "N Queens" if no queen attacks the other queen, otherwise print "Danger".

Sample Input 0



Sample Output 0



Sample Input 1



Sample Output 1



