**Search in a row-column sorted Matrix**

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**Statement..**

**import java.io.\*;**

**import java.util.\*;**

**class CodingMaxima{**

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

**Scanner sc = new Scanner(System.in);**

**int t = sc.nextInt();**

**while(t > 0){**

**int rows=sc.nextInt();**

**int columns=sc.nextInt();**

**int matrix[][]=new int[rows][columns];**

**for(int i=0; i<rows;i++){**

**for(int j=0; j<columns;j++){**

**matrix[i][j]=sc.nextInt();**

**}**

**}**

**int target = sc.nextInt();**

**Solution x = new Solution();**

**if (x.search(matrix, rows, columns, target))**

**System.out.println(1);**

**else**

**System.out.println(0);**

**t--;**

**}**

**}**

**}**

**class Solution**

**{**

**static boolean search(int matrix[][], int n, int m, int x)**

**{**

**// code here**

**ArrayList<Integer>arr=new ArrayList<>();**

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

**for(int j=0;j<m;j++){**

**if(matrix[i][j]==x){**

**return true;**

**}**

**}**

**}**

**return false;**

**}**