**1. Write a Java program to find the row, column position of a specified number (row, column position) in a given 2-dimensional array**

importjava.util.\*;

publicclassabc{

publicstaticvoidmain(String[]args){

intnums[][]={{12,20,30,40},

{15,25,35,45},

{24,29,39,51},

{35,30,39,50},

{50,60,75,72}};

int rows =5;

intsearch\_element=39;

intans[]=Saddleback(nums, rows -1,0,search\_element);

System.out.println("Position of "+search\_element+" in the matrix is ("+ans[0]+","+ans[1]+")");

}

privatestaticint[]Saddleback(intnums[][],int row,int col,intsearch\_element){

//numsay to store the row and column of the searched element

intelement\_pos[]={-1,-1};

if(row <0|| col >=nums[row].length){

returnelement\_pos;

}

if(nums[row][col]==search\_element){

element\_pos[0]= row;

element\_pos[1]= col;

returnelement\_pos;

}

elseif(nums[row][col]>search\_element){

returnSaddleback(nums, row -1, col,search\_element);

}

returnSaddleback(nums, row, col +1,search\_element);

}

}

**Output:**

