7)Program to create 2D array and Sort it

package twodarray\_sort;

import java.util.Scanner;

public class Twodarray\_sort {

public static void main(String[] args) {

Scanner obj=new Scanner(System.in);

System.out.println("enter number row");

int row=obj.nextInt();

System.out.println("enter number column");

int col=obj.nextInt();

int array[][]=new int[row][col];

System.out.println("enter elements");

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

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

array[i][j]=obj.nextInt();

}

}

System.out.println("Sorted array is :");

int n=row\*col;

int ar[]=new int[n];

int k=0;

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

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

ar[k]=array[i][j];

k++;

}

}

int temp;

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

for(int j=i+1;j<n;j++){

if(ar[i]>ar[j]) {

temp=ar[i];

ar[i]=ar[j];

ar[j]=temp;

}

}

}

int g=0;

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

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

array[i][j]=ar[g];

System.out.print(array[i][j]+" ");

g++;

}

System.out.println("");

}

}

}

