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("");

   }
}
}
```