

StrategyPatternSortApp - Apache NetBeans IDE 12.5

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<default config> 135,2/364,0MB

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Source Packages
ec.edu.espe.sortApp.controller
BubbleSort.java
InsertionSort.java
QuickSort.java
SortingStrategy.java
ec.edu.espe.sortApp.model
SortingContext.java
ec.edu.espe.sortApp.view
SortApp.java
Test Packages
<default package>
Libraries
JDK 17 (Default)
Test Libraries

```
1 package ec.edu.espe.sortApp.controller;
2
3
4 /**
5  *
6  * @author Angel Guaman DEEL-ESPE
7  */
8 public class BubbleSort implements SortingStrategy{
9
10     @Override
11     public int[] sort(int[] data) {
12         int temp;
13         for(int i=1;i < data.length;i++){
14             for (int j=0 ; j < data.length- 1; j++){
15                 if (data[j] > data[j+1]){
16                     temp = data[j];
17                     data[j] = data[j+1];
```

Output - StrategyPatternSortApp (run)

```
run:
How many number are you goin to order: 5
Insert the numbers: 4
Insert the numbers: 5
Insert the numbers: 2
Insert the numbers: 4
Insert the numbers: 6
The disorder numbers are:
4
5
2
4
6
```