

Sorting App

local...

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Enter Elements to Sort

15,23,159,456,87,2,8,76,31,45

Sort

Unsorted: 15, 23, 159, 456, 87, 2, 8, 76, 31, 45, 81, Size: 11, Algorithm: QuickSort,
Sorted: 2, 8, 15, 23, 31, 45, 76, 81, 87, 159, 456

MongoDB Compass - Leidy Saraguro/strategyLastName.arrayFirstName

ConnectionsEditViewCollectionHelp

Leidy Saraguro

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storeDB

strategyLastName

arrayFirstName

arrayfirstnames

test

arrayFirstName

arrayfirstnames

+

Leidy Saraguro > strategyLastName > arrayFirstName

Documents1AggregationsSchemaIndexes1Validation

Type a query: { field: 'value' } or [Get](#)

Explain

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</>

Options >

ADD DATA

EXPORT DATA

25

1 - 3 of 3

_id: ObjectId('66d66c685afd2435942f56ec')

unsorted: "5, 8, 7, 2"

size: 4

algorithm: "BubbleSort"

sorted: "2, 5, 7, 8"

_id: ObjectId('66d66f8b5afd2435942f56ee')

unsorted: "7, 15, 96, 34, 2, 8, 12"

size: 7

algorithm: "InsertionSort"

sorted: "2, 7, 8, 12, 15, 34, 96"

_id: ObjectId('66d66fd95afd2435942f56f0')

unsorted: "15, 23, 159, 456, 87, 2, 8, 76, 31, 45, 81"

size: 11

algorithm: "QuickSort"

sorted: "2, 8, 15, 23, 31, 45, 76, 81, 87, 159, 456"

File Edit Selection View Go Run Terminal Help

EXAMEN_3P_Strategy_Pattern

EXPLORER

EXAMEN_3P_STRATEGY_PATTERN

SortingApp

node_modules

src

public

index.html

strategies

BubbleSort.js

InsertionSort.js

QuickSort.js

app.js

SortingContext.js

package-lock.json

package.json

JS app.js

index.html

BubbleSort.js

InsertionSort.js

QuickSort.js

SortingContext.js

package.json

SortingApp > src > JS app.js > ...

```
1
2 const express = require('express');
3 const mongoose = require('mongoose');
4 const path = require('path');
5 const bodyParser = require('body-parser');
6
7 const app = express();
8 const PORT = 3004;
9
10 // Conectar a MongoDB
11 mongoose.connect('mongodb+srv://saraguro:saraguro@cluster0.5nyjils.mongodb.net/strategyLastName', {
12   useNewUrlParser: true,
13   useUnifiedTopology: true
14 }).then(() => {
15   console.log('Connected to MongoDB');
16 }).catch(err => {
17   console.log('Failed to connect to MongoDB', err);
18 });
19
20 app.use(bodyParser.json());
```

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

PORTS

```
PS C:\Users\User\Documents\EXAMEN_3P_Strategy_Pattern\SortingApp\src> node app.js
Server is running on http://localhost:3004
Connected to MongoDB
█
```