Rapid Sort

|  |  |  |
| --- | --- | --- |
| Entradas | | |
| list | ArrayList<Double> | n\*8 |
| Auxiliares | | |
| min | int | 4 |
| max | int | 4 |
| i | int | 4 |
| i(2do for) | int | 4 |
| i(3er for) | int | 4 |
| j | int | 4 |
| Aux | Array<int> | k\*4 |
| Salidas | | |
| Output | ArrayList<Double> | n\*8 |

Merge Sort

|  |  |  |
| --- | --- | --- |
| Entradas | | |
| list | ArrayList<double> | n\*8 |
| Auxiliares | | |
| l1 | arrayList<Double> | (n/2)\*8 |
| l2 | arrayList<Double> | (n/2)\*8 |
| i | int | 4 |
| l3 | arrayList<Double> | n\*8 |
| Salidas | | |
| Output | ArrayList<Double> | n\*8 |

Counting sort

|  |  |  |
| --- | --- | --- |
| Entradas | | |
| List | ArrayList<double> | n\*8 |
| Auxiliares | | |
| min | Double | 8 |
| max | Double | 8 |
| i | int | 4 |
| aux | ArrayList<Double> | k\*8 |
| i | int | 4 |
| value | Double | 8 |
| j | int | 4 |
| sum | Double | 8 |
| output | Array<Double> | n\*8 |
| index | Double | 8 |
| i | int | 4 |
| Salidas | | |
| output | ArrayList<Double> | n\*8 |