

LAB2

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SEC: 2

MATRIX

Get input from file with fscanf.

Pthread is used to call thread and pjoin for parent to wait

Fprintf to print file.

Output:

```
1 -1 10 -15 -28
2 -3 -10 15 -36
3 5 -2 -9 -20
4 END1      4.785000
5 -1 10 -15 -28
6 -3 -10 15 -36
7 5 -2 -9 -20
8 END2      0.656000
```

First output that every element is done in thread while second is every row multiplication is done in thread.

The one with less threads is faster.

MERGE

Same functions used as matrix

output:

```
array size is 10
100  20  15  3  4  8  7  -1  0  33
Sorted array:
-1  0  3  4  7  8  15  20  33  100
```