
Super-size it

In many of the previous études, the opportunity existed to do something more—to “super-size” them if you will.

Task

Choose an étude to super-size, and a way in which it could be super-sized. Present this in the Town Hall in Week 11, and send a summary of your proposal to `mark326`. You will then be asked to carry out some, or all of your proposal.

(1 point, Group)

Notes

We’re looking for a problem where your previous solution grew at least as fast as $O(n\sqrt{n})$, ideally at least $O(n^2)$, so that super-sizing the problem will require you to find a better algorithm. Or you might enrich a problem in a way other than simple size. What we’re after is something where your previous work *helps* but isn’t *enough*.

Testing

Of course your test code and data for the earlier example should also be updated for this problem. A comment in your code should describe *how* testing had to be adapted.