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CS 370

SPOJ #2

Through debugging our code, which we believe followed the Canvas-given algorithm well at first, we ended up making changes which turned our nonsensical output (ie 50 is a prime number) to the correct answers. By the end we had a version which worked and outputted all prime numbers from a to b. However, upon looking back at the changes we made, we are fairly certain we have now implemented a modified normal Sieve, instead of the segmented Sieve. It takes around 12 seconds to begin outputting a = 1 b = 1,000,000,000. We've run small tests (a = 3, b = 62 and the like) and big tests (a = 90, b = 294,650 etc), all of which output correctly as far as we can see.

Unfortunately, we run out of execution time on SPOJ.