# Exercise 1

## Exercise 1.1

* Take an argument n (argc must equal 2)
* #include <cstdlib> and atoi converts char into integer
* Step 2 is like step 3 and 4. So I hopped over that one and implement step 3 and 4 in a for loop (step 5).
* Bool was easier to manage, I could have kept the default bool, which is equal to false, to save n steps, but I decided isPrime and true was more readible.

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| 2 3 5 … n  ... |

## Exercise 1.2

* std::string& iostring found in the parameter means it is reference to the orginial argument. Changing the parameter passed by the argument will overwrite it in the original memory spot
* the rest is functions from https://cplusplus.com/reference/string/string/

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## Exercise 1.3

* As string is flexible and char\* are not, we needed to find how much we needed to write first.
* Otherwise, it was like the previous exercise
* Useful references:
  + // <https://en.cppreference.com/w/c/string/byte/strncmp>
  + // <https://cplusplus.com/reference/cstring/>

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## Exercise 1.4

* Copied uppgift 2 into a new folder U4.
* Included fstream and string to fstream to open file streams and string to read the file with getline()
* Started using “using std::”

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