Sieve of Eratosthenes Algorithm:

find it in Wikipedia …

Set up a list of integers from 2 up to some limit
$$list: 2\ 3\ 4\ 5\ 6\ 7\ \dots..$$

$next \leftarrow 2$

for *next* ranging from 2 up to *limit* in increments of 1

    if $list_{next}$ is not crossed-off then cross-off all multiples of *next*

How do we translate the above algorithm to a Java program?

    What will be our list?

    How do we cross-off a number?