See Page 116 in the text book (Parallel Programming in C with MPI and OpenMP, by Michael J. Quinn)

1. Create a list of natural numbers 2,3,4,…N (none which is marked)
2. Set k=2, the first unmarked number on the list.
3. Repeat until $k^2 > N$
    a. Mark all multiples of k between k^2 and N
    b. Find the smallest number greater than k that is unmarked. Set k to this new value.
4. Print the unmarked numbers (the primes).

Sample output from sieve.pl (N=60)

```
time>  0 wallclock secs ( 0.00 usr +  0.00 sys =  0.00 CPU)
2
3
5
7
11
13
17
19
23
29
31
37
41
43
47
53
59
```