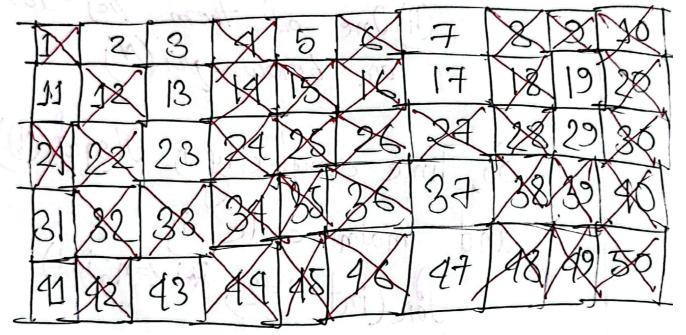
## Sieve of Prestosthenes

\* Preprocessing Time : 0 (N log (log N))

Anywer query: 0(1)

Extra space: 0(N)

# Algorithm & Sieve of Fregtonthenes



and so on until N

= Composite ; for code=0

I = Prime , foir code =1

\* Multiple of prime mambel
numbles cannot be prime
number. Like 2 is aprea prime
number but its multipole 4,6,8,
10 etc are not prime numbe
and so on.

\*The number that has to be meen run is I to squet (N) and apply the above rule. So, the loop for above rule will be I to squet (N),