





```
int i=2; i < N ; i++)
       if ( prime (i] == true)

{

// make all multiples false

for (int j = 2*i; j \in N; j = j + i)

prime [j] = false;
            2 optimizations:
(F)
2) Elements needs to be marked from (i2)
     2 3 9 5 6 7 8 9 10 11 12 13
     [4] (5) (6) 17 (8) 19 20 (2) 22 23 (24) 25 (26)
```







