prime[0] = 1;// marked not prime
prime[1] = 1;// marked not prime
for (int i = 2; i * i <= prime.length; i++) {
 if (prime[i] == 0) {// ye ith index prime number</pre>

for (int j = 2; i * j < prime.length; j++) {
 prime[i * j] = 1;</pre>

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