```
public static List<Integer> sieveOfEratosthenes(int n) {
boolean prima = ner boolean 11;
    prime[i]
for (int p = 2; p
    if (prime[p])
        for (int /i = p * p; /i <= n; i += p)
            prime[i] = false;
List<Integer> primes = new ArrayList<>();
for (int i = 2; 1++) {
    if (prime[i])
        primes add(i);
return primes;
```