```
meger> sieveOfEratosthenes(int n) {
new boolean[n + 1];
           0; i <= n; i++)
                       i <= n; i += p)
          plimely false;
List<Integer> primes = new ArrayList
for (int i = 2, 1 <= n; i++)
   if (prime i)
      primes.add(i);
return primes;
```