

Sieve of Eratosthenes



Idea

Initial assumption

All numbers are prime numbers.

1. Start at the prime number 2
2. Keep the prime number, but remove all multiples
3. Move to the next prime number – repeat from step 1

Coding steps

- ▶ Define a constant max number
- ▶ Create an array to keep track of prime numbers and composite numbers
- ▶ Mark all numbers as prime numbers
- ▶ Outer for loop for current number, inner for loop for multiples
- ▶ Go through the array and print only prime numbers