function sieveOfEratosthenes(n) {

var primes = [];

for (var i = 0; i <= n; i++) {

primes[i] = true;

}

primes[0] = false;

primes[1] = false;

for (var i = 2; i <= Math.sqrt(n); i++) {

for (j = 2; i \* j <= n; j++) {

primes[i \* j] = false;

}

}

var result = [];

for (var i = 0; i < primes.length; i++) {

if (primes[i]) result.push(i);

}

return result;

}

sieveOfEratosthenes(49);