**Count primes**<https://leetcode.com/problems/count-primes/>

**Code:**

import math

class Solution:

def countPrimes(self, n: int) -> int:

prime=['','']

for i in range(2,n+1):

prime.append(True)

for j in range(2,int(math.sqrt(len(prime)-1))+1):

if(prime[j]==True):

for k in range((j\*j),len(prime),j):

prime[k]=False

length=0

for i in range(2,len(prime)):

if prime[i]==True:

length+=1

return length