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① Current Optimized code:
   def isPrime(x):
       while i <= root x:</pre>
           if x \% i == 0:
               return False
  def generatePrimes(n):
       sieve = [] ← Incorrect
                         initailization
                                                   Low input
       while p * p <= n:
                                                  similarity
           for i in range(p * p, n + 1, p):
               sieve[i] = False
② The Similar Pattern:
 - for VAR in range(NUM, int(VAR**NUM)+NUM):
 + def prime_table(NUM):
       VAR = [BOOL] * (NUM + 1)
       for NUM in range(NUM, int(VAR**NUM)+NUM):
(3) Refined code:
 def generatePrimes(n):
     sieve = [true] * (n+1)
     while p * p <= n:
         for i in range(p * p, n + 1, p):
             sieve[i] = False
```