1. Complexity Theory: Judge by Time & Space. 10^8 / 10^9 Operations per second, O(1), O(n). O(log n), O(sqrt(n)). $O(n^2)$, $O(2^n)$
2. Complexity Part 1 :

   I <= n*n = $O(n^2)$

   i*i <= n = O(sqrt(n))

3. Complexity Part 2 : if we don't know which part is dominating the complexity in that case the Complexity will be = O(n+q)

   If there is any nested loop, we will start counting complexity from the nested segment.

4. ComplexityPart 3: Sieve Loop's Complexity
   [Harmonic Series] = O(n *ln n) / O (n * log n)
   [Fibonacci Series](Exponential) = count the called number of fib function
   So, the Complexity will be $O(2^n)$