Que1. Given a number **N**, calculate the prime numbers up to N using Sieve of Eratosthenes.

Example 1:
Input:
N = 10
Output:
2357
Explanation:
Prime numbers less than equal to N
are 2 3 5 and 7.
Example 2:
Input:
N = 35
Output:
2 3 5 7 11 13 17 19 23 29 31
Explanation:
Prime numbers less than equal to 35 are
2 3 5 7 11 13 17 19 23 29 and 31.
Que2. Given a number n, print all primes smaller than n. For example, if the given number is 10, output 2, 3, 5, 7.
A Naive approach is to run a loop from 0 to n-1 and check each number for primeness. A Better Approach is to use Simple sieve of Eratosthenes.
Que3. How to compute Φ(n) for an input n?
Suggestion-

A **simple solution** is to iterate through all numbers from 1 to n-1 and count numbers with gcd with n as 1. Below is

the implementation of the simple method to compute Euler's Totient function for an input integer n.