# Week 3: Assignment 3 - Question 2

**Prime Checking**

Complete the function **int is_prime(int n)** to check if a positive number n is prime or not.

The function returns 1 if n is prime, and 0 otherwise.

The function will be used in a program (code given) that prints the prime numbers in a given sequence.

Input
-------
The first line of input is a positive integer N.
The next line contains N positive integers $k_i$ for $i = 1$ to $N$.

Output
---------
The elements in the input list which are primes, in the original order.

Sample input
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12
2 3 4 5 6 7 8 9 10 11 12 13

Sample output
--------------------
2 3 5 7 11 13

Note: Ignore the "Passed after ignoring Presentation Error" comment.