

Project Euler #10: Summation of primes

Problem Statement

This problem is a programming version of [Problem 10](#) from [projecteuler.net](#)

The sum of the primes below 10 is $2 + 3 + 5 + 7 = 17$.

Find the sum of all the primes not greater than given N .

Input Format

The first line contains an integer T i.e. number of the test cases.

The next T lines will contains an integer N .

Output Format

Print the value corresponding to each test case in seperate line.

Constraints

$$1 \leq T \leq 10^4$$

$$1 \leq N \leq 10^6$$

Sample Input

```
2
5
10
```

Sample Output

```
10
17
```