

DWITE '09 R7 #2 - Sum of Primes

Time Limit: 1.0s **Memory Limit:** 64M

DWITE Online Computer Programming Contest, May 2010, Problem 2

Let's keep this simple.

The input will contain 5 lines, integers $2 \leq N \leq 100\,000$.

The output will contain 5 lines, integer sums of all prime numbers up to (inclusive) N .

Sample Input

```
2
3
4
5
100000
```

Sample Output

```
2
5
5
10
454396537
```

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