

Find Prime...有趣不刁難？

Description

For each input N, write a program to compute the number of the all prime numbers, which are less than N. You have to make sure that your % operations areas small as possible. You can obtain the computation time in user mode (use the hint).

Input

Some positive numbers N. (end with EOF)

(1 <= N <= 10^9)

(The number of N is less than 100)

Output

the number of the all prime numbers < N,separated by newlines.

Sample Input 1

10
11

Sample Output 1

4
4

Hint

```
struct rusage start;
struct rusage end;
getrusage (RUSAGE_SELF, &start); // get time at start
some_program ();// Your Function to work
getrusage (RUSAGE_SELF, &end); // get time at end
printf ("System: %d usecs, User: %d usecs\n",
end.ru_stime.tv_usec - start.ru_stime.tv_usec,
end.ru_utime.tv_usec - start.ru_utime.tv_usec);
```

answer

Problems

Announcements

Submissions

Rankings

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Information

ID	final_7
Time Limit	10000MS
Memory Limit	369MB
IO Mode	Standard IO
Created By	sungod
Level	Mid
Score	100
Tags	Show

Statistic

Details

AC WA

