very first

- Time limit: 1 second
- Memory limit: 256 MB

After manipulating the order of natural numbers and with your help, Qanbar came up with a new order.

Any prime number whose digits are all primes is a prime number.

Since Qanbar only knows math to the extent of giving a thesis and he does not know how to count, he asks you to get many prime numbers less than n for him.

Input

The input contains only one line where the natural number$n$Come.

$$1 \leq n \leq 1000$$

Output

The output consists of one line in which all prime numbers less than n are printed.

Example

Sample input 1

```
40
```

Sample output 1

```
2 3 5 7 23 37
```

POST AN ANSWER TO THIS QUESTION

.The training period is over

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