

Aim:

Write a Python program that prints prime numbers less than *n* which represents the upper limit.

Source Code:

primeNumbers.py

```
def is_prime(num):
    if num<2:
        return False
    for i in range(2,int(num**0.5)+1):
        if num%i==0:
            return False
    return True
n=int(input("Enter upper limit: "))
for num in range(2,n):
    if is_prime(num):
        print(num)
```

Execution Results - All test cases have succeeded!

Test Case - 1
User Output
Enter upper limit: 20
2
3
5
7
11
13
17
19

Test Case - 2
User Output
Enter upper limit: 36
2
3
5
7
11
13
17
19
23
29
31