Python	C++

Python

```python
limit = input("Upper limit:")
limit = int(limit)


for candidate in range(2, limit + 1):

    is_prime = True
    for test in range(2, min(candidate,
                             limit // 2 + 1)):
        if candidate % test == 0:
            is_prime = False
            break


    if is_prime:
        print(candidate, "is a prime")

    else:
        print(candidate, "is not a prime")
```

C++

```cpp
#include <iostream>

int main(int argc, char **argv) {
  std::cout << "Upper limit: ";
  int limit;
  std::cin >> limit;

  for (int candidate = 2; candidate < limit + 1;
       candidate++) {
    bool is_prime = true;
    for (int test = 2; test < std::min(candidate,
         limit / 2 + 1); test++) {
      if (candidate % test == 0) {
        is_prime = false;
        break;
      }
    }
    if (is_prime) {
      std::cout << candidate << " is a prime"
                << std::endl;
    } else {
      std::cout << candidate << " is not a prime"
                << std::endl;
    }
  }
}
```