

```
1 #include<iostream>
2 using namespace std;
3
4 int main() {
5     int n = 8, i;
6     bool isPrime = true;
7
8     if (n <= 1) {
9         isPrime = false;
10    } else {
11        for (i = 2; i * i <= n; i++) {
12            if (n % i == 0) {
13                isPrime = false;
14                break;
15            }
16        }
17    }
18
19    if (isPrime) {
20        cout << "Prime: " << n;
21    } else {
22        cout << "Not a prime: " << n;
23    }
24
25    return 0;
26 }
```

C:\Users\ADMIN\Documents\sum.exe

Not a prime: 8

Process exited after 0.03382 seconds with return value 0
Press any key to continue . . .