

```
1: /*---n is prime or not---*/
2:
3: #include<iostream>
4: using namespace std;
5:
6: int numFact(int n)
7: {
8:     int count = 0;
9:     for(int i = 1; i <= n; i++)
10:    {
11:        if(n % i == 0)
12:            count += 1;
13:    }
14:    return count;
15: }
16:
17: void checkPrime(int n)
18: {
19:
20:     if(numFact(n) == 2)
21:         cout << n << " is a Prime";
22:     else
23:         cout << n << " is NOT a Prime";
24:
25: }
26:
27: int main()
28: {
29:     int n;
30:     cout << "Enter your number:\n";
31:     cin >> n;
32:
33:     checkPrime(n);
34:     return 0;
35: }
```