

```

1: /*---num of prime till n---*/
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 numPrimes(int n)
18: {
19:     for(int i = 2; i <= n; i++)
20:     {
21:         if(numFact(i) <= 2)
22:             cout << i << " ";
23:     }
24: }
25:
26: int main()
27: {
28:     int n;
29:     cout << "Enter your number:\n";
30:     cin >> n;
31:
32:     cout << "Prime numbers till " << n;
33:     cout << " are:\n";
34:     numPrimes(n);
35:     return 0;
36: }

```