

```
1: /*---num of divisors of 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: int main()
18: {
19:     int n;
20:     cout << "Enter your number:\n";
21:     cin >> n;
22:
23:     int nums = numFact(n);
24:     cout << "Number of divisors of ";
25:     cout << n << " is " << nums;
26:
27:     return 0;
28: }
```