```c
#include <stdio.h>

int main() {
    int N, i, j;
    scanf("%d", &N);
    int sumPrime = 0, numDiv = 1, isPrime;

    // We initialize numDiv = 1 since 1 is a divisor of every N
    // We care about all divisors including 1 and N
    for(i = 2; i <= N; i++)
        if(N % i == 0){ // Found a divisor
            numDiv++;
            // Find out if i is prime or not
            isPrime = 1;
            if(i > 2){ // 2 is anyways a prime
                for(j = 2; j < i; j++)
                    if(i % j == 0){ // Found a factor of i
                        isPrime = 0; // i is not a prime
                        break;
                    }
            }
            if(isPrime)
                sumPrime += i;
        }

    printf("%d\n%d", numDiv, sumPrime);
    return 0;
}
```