Q => Given a number N, print all the factors of N.

12 = N 7 (1)== D

(g) Given a number N, -> (ount all the factor of NI.

$$N = 12 \rightarrow \frac{1}{2} \stackrel{?}{=} \frac{3}{9} \stackrel{?}{=} \frac{6}{12} \stackrel{?}{=} \frac{5}{12}$$

$$10 \stackrel{?}{=} \frac{1}{12} \stackrel{?}{=} \frac{1}{12}$$

if c 1 sount 11 - months

2) loop from 1 N.

3) check if N.1. i==0

true

4) count at.

5) Check if Count == 2

Line Not Prime. int count = 0; for Cinf (=1; (= N; (++) } if (N r. i = = 0) (

count ++;

sop ("Prime"); else sop (" Mot Brime");

× × O (1) 2→ is smaller+

```
Break statement
                   Is broak the current loop
                     -> exit the loop.
                int count = 0;
                for Cinf (=1; ( &= )); (++) {
                    if ( N r. i = = 0) (

Count ++;

Count > 2) d

bridk;

2 == 2

( count = = 2)

Sop ( " Prime");

else sop (* Not prime");
          1 (2=N N./i==0 countre countre break itt
Count
```

I beforkment cold, had berrage. 11:11 0 11:16. → for (int i=1) ~);* lD. 1 44 i %. 2 = = 1 -> continue. 0/p 12=6 T 1 T 2 3 436 4 de2 skip T 5 6 7 6 exif loop 7

Break: - exit the current loop.

Continue: exit the current the ration.

/ will continue to next iteration.

564897 sum_even_i, saw- 099-1) int index = 1) while Cnum>074 inh(d) num (.10) if (index = = 1) {
 sum_even-i + = d;
 sum-odd-i +=d; indexxxi num = num 10 20b(som ogg - 1)! $153 = \begin{pmatrix} 3 \\ 1 \\ 1 \end{pmatrix} + \begin{pmatrix} 3 \\ 3 \\ 1 \end{pmatrix} + \begin{pmatrix} 3 \\ 3 \\ 3 \end{pmatrix}$

1=1 while (i <= N).d int num= N';

https://www.interviewbit.com/snippet/bd48d023f144cdaa6ac8/