

Use **left** and **right** arrow keys to step through this code:

```
1 def count_v2_demo(dna, base):
2     print 'dna:', dna
3     print 'base:', base
4     i = 0 # counter
5     for c in dna:
6         print 'c:', c
7         if c == base:
8             print 'True if test'
9             i += 1
10    return i
11
12 n = count_v2_demo('ATGCGGACCTAT', 'C')
```

[Edit code](#)

<< First

< Back

About to do step 19 of 51

Forward >

Last >>

Program output:

```
dna: ATGCGGACCTAT
base: C
c: A
c: T
c: G
c: C
```

Stack grows down ▼

Heap

[Global variables](#)

count_v2_demo

function
(id=1)

count_v2_demo

base	"C"
c	"C"
dna	"ATGCGGACCTAT"
i	0