

Algorithm 0 – a, b, c

A programmer has written a subroutine called totalOut. The subroutine takes two parameters – values that are passed to it from the main program.

In this case, the subroutine call is totalOut (3, 4)

```
1 def totalOut(a, b):
2     c = a + b
3     while a < c:
4         a = a + 1
5         b = b - 1
6     return b
7 answer = totalOut(3, 4)
8 print(answer)
```

Trace the values of the variables a, b and c as the subroutine runs.

a	b	c

State what numerical value is outputted from the program