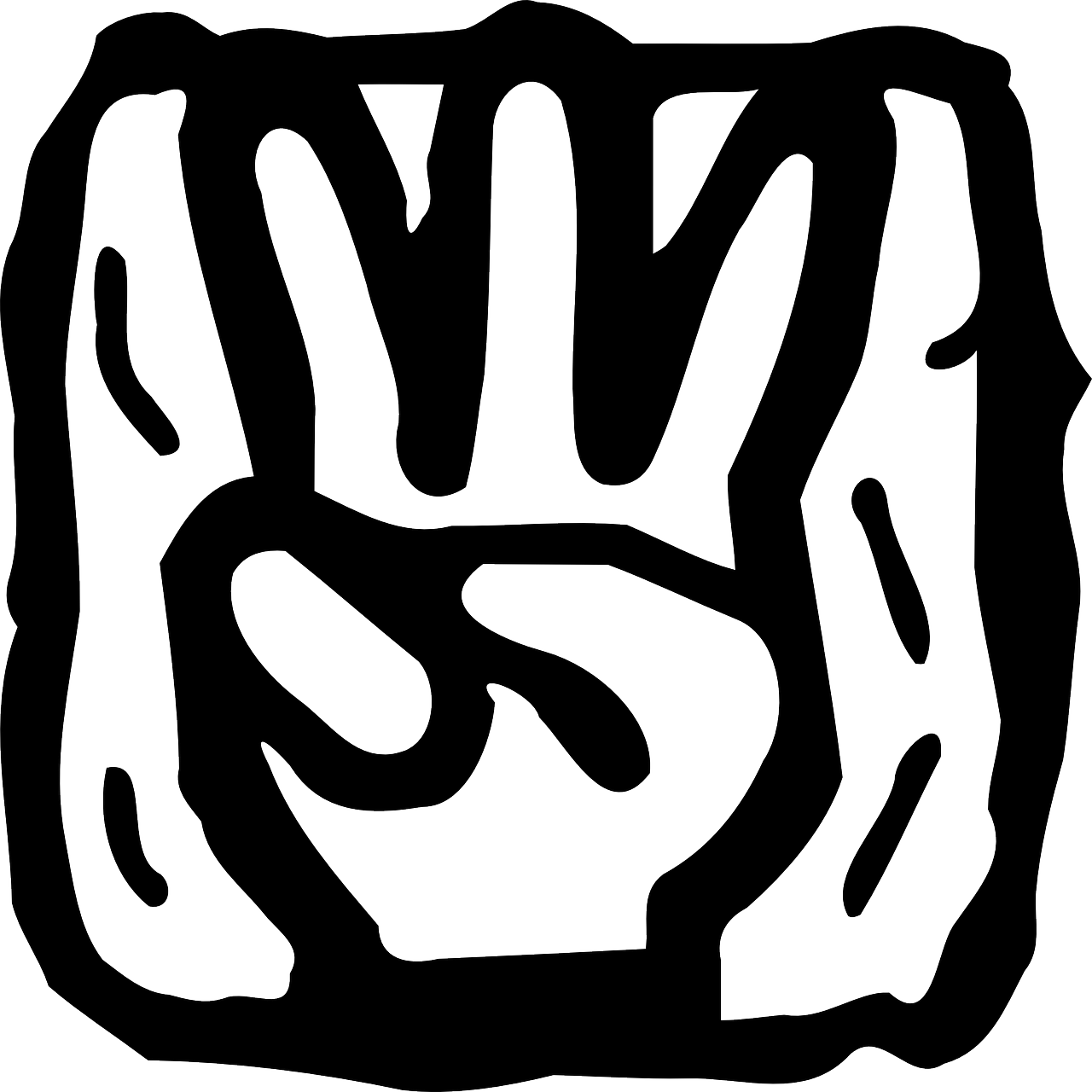
Starter – questions

for x in range(3):

print(x)

|  |  |  |
| --- | --- | --- |
| (a) | (b) | (c) |
| 0  1  2 | 0  1  2  3 | 1  2  3 |

1. Which is the correct output a,b or c?
2. Write the correct code for the other two outputs
3. Explain what the loop is doing

1)The correct output is (a)

2)The correct code for (b) is:

for x in range(4):

print(x)

The correct code for (c) is:

for x in range (1,4):

print (x)

3)The loop starts from 0 (unless you tell it otherwise) then loops through the code a set number of times. In the question’s case it stops before it reaches the top of the range which is 3, so it loops round and outputs 0, then 1, then 2.