

What is the value of x at #Q1 MARKER?

the value of x is 5

What is the value of x at #Q2 MARKER?

the value of x is 0

Are the x above Q1 MARKER and the x above Q2 MARKER the same variable? Why or why not?

No, they are not, despite both being named x, the one above the Q2 marker, is defined inside of `silly_function`, meaning that it only exists within the function after the function is called, whereas the x above the Q1 marker, is defined globally. If the x above Q1 did not exist, if there was a `print(x)` outside the function, an error would occur.

Write out what this code will print.

This is my program.

0

1

2 is my favorite number

#x = 1

0

1

2 is my favorite number

#x = 2

Run the code to check your work. Note if your initial guess was different than on the code's output, and if so, why? What was different between the two,

and do you understand why they were different?

This is my program.

0

1

2

2 is my favorite number

0

1

2

2 is my favorite number

None

I almost got it right, the difference was that the number 2, would be printed twice, once during `print(i)`, and once again inside the if statement, and I only accounted for the if statement. The other part was the 'None' being printed, which is due to the function `silly_function` not returning anything, there would not be anything to print out, I just was not sure if it would be blank or if something would print by default when nothing is returned.