1. What is the output of the program?

44

54

44

2. Which line contains a function header?

Line 4

3. Which line(s) constitute the main program?

Lines 1 through 12.

4. Is there a local variable defined anywhere? If so what is its scope?

Yes.

The variable y is a local variable that operates within the function f.

5. Does the function f return a value?

No

6. Does the function f reference any global variable?

Yes

7. Which line constitute a function body?

Lines 6 and 7

8. Are there any arguments used in the program, if so, what and where are they?(tricky)

Yes.

12 on line 10 is an argument.

9. Are there any parameters defined in the program? Explain.

Yes.

Parameters are what is passed in a function definition. We have a variable x that passed in the function f. this makes it a parameter.

10. What does the last line do?

Line 12 is a null statement. However unlike a comment, pass is not ignored by the interpreter. Its is executed but nothing happens.

It results in no operation.