x = 5  
y = 6  
z = 33  
  
def f(x):  
 y = 9  
 print(x + y + z)  
  
print(x + y + z)  
f(12)  
print(x + y + z)  
pass

1. What is the output of the program?

44

54

44

1. Which line contains a function header?

Line 5

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

Line 9, Line 10 and Line 11

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

Yes, there is a local variable defined and its scope is in line 6 where it redefines y.

1. Does the function f return a value?

No, the function f does not return a value.

1. Does the function f reference any global variables?

Yes, the function f references two global variables which are x and z.

1. Which lines constitute a function body?

Line 6 and Line 7

1. Are there any arguments used in the program? If so what and where are they?
2. Are there any parameters defined in the program? Explain.

Yes, there is only one parameter and it is x which is inside the f function.

1. What does the last line do?

The last line contains a command that enables the program move on to the next line.