

Output:

10  
14  
54  
68

The program calls spam() inside of the print function. First spam() prints x, which is 10 and was set to 10 outside of spam(). Next spam() prints c, which is the c that equals 14 that was just created in spam(). Then spam() returns inner(), which creates a local c and sets it to "funtimes!". Then calls innerinner(). In innerinner(), it creates a global a and sets it to 54, changes nonlocal c to 54 and nonlocal bbeans to 68. After that inner() prints c that was changed within innerinner() to 54. Finally inner() then returns bbeans which is returned by spam() since it returns inner(). Since spam() is printed and returns inner() which inner() returns bbeans, 68 is printed. 68 is printed because bbeans = 68. It was first created in spam(), then set equal to 15 and then changed to 68 within innerinner().