

- 9. Sub1 sees $a=7$, since the global keyword is not before the y & z declaration, a, y, z are all local vars
- Sub2 declares access to x , thus allowing modification. a & w are local variables.
- Sub3 declares access to a , which was declared locally in sub2, thus allowing values assignments. b & z are local variables

10. Line 1: Sees a (def 1) & b, c , and d (def 2)

Line 2: Sees a (def 1), b (def 2) & c, d, e (def 3)

line 3: Sees a (def 1), b, c, d (def 2)

line 4: Sees a, b, c (def 1)

the scope of the variables declared in the loops is limited to within the loops, creating a hidden non local