1. Static Scoping:
   Global a = 1
   Global b = 2

   A() --> local a = 3; local b = 4
   B() --> prints (1, 2)
   Global a = 5
   Global b = 6
   Print (3, 4)
   Prints (5, 6)

   Result: 1, 2, 3, 4, 5, 6

   Dynamic Scoping:
   Global a = 1
   Global b = 2

   A() --> local a = 3; local b = 4
   B() --> print (3, 4)
   Local a = 5
   Local b = 6
   Print (5, 6)
   Print (1, 2)

   Result: 3, 4, 5, 6, 1, 2

2. 3.6
   a. 9, 4, 2, 3
   b. Dynamic:

A(3):
R(3): [print 2]; x = 1; m = 3; g =
R(2): [print 4]; x = 2; m = 2; g =
R(1): [print 9]; x = 4 -> 2; m = 1; g =
B(3): x = 9 -> 4 -> 2; m = 3; g =
Main: g =

   Static:

A(3):
R(3): [print 2]; x = 1; m = 3; g =
R(2): [print 4]; x = 2; m = 2; g =
R(1): [print 9]; x = 4 -> 2; m = 1; g =
B(3): x = 9 -> 4 -> 2; m = 3; g =
Main: g =

3. The minimum amount of space required for the variables is 24 bytes
4. Static:
   set_x(0) -> global x = 0
   first()
   Set_x(1) -> global x = 1
   Print 1
   Print 1
   second()
   X =
   set_x(2) -> global x = 2
   Print 2
   Print 2

   Result: 1 1 2 2

   Dynamic:
   set_x(0) -> global x = 0
   first()
   set_x(1) -> global x = 1
   Print 1
   Print 1
   second()
   Local x =
   set_x(2) -> local x = 2
   Print 2
   Print 1

   Result: 1 1 2 1
5. 3.19
   a. 3
   b. 1