1. **(8.0 points)** **What Would Python Display?**

   Assume the following code has been executed already.

   ```
   one = 1

   def choose(one):
       if big(one):
           print('A')
           if huge(one):
               print('B')
       elif big(one) or huge(one):
           print('C')
       if big(one) or print('D'):
           print('E')
       else:
           print('F')

   big = lambda x: x >= one
   huge = lambda x: x > one

   def which():
       one = 3
       def this():
           return one
       return one + 1
       return this
       one = 4
   ```

   (a) **(6.0 pt)** Which lines are displayed by the interactive Python interpreter after evaluating `choose(one + one)`? **Select all that apply.**

   ☐ A

   ☐ B

   ☐ C

   ☐ D

   ☐ E

   ☐ None

   ☐ None of the above

   (b) **(2.0 pt)** What is displayed by the interactive Python interpreter after evaluating `which()()`?

   ○ 2

   ○ 3

   ○ 4

   ○ 5

   ○ A function

   ○ An error occurs before anything is displayed