

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