Questions

0.1 Fill in the lines below so that the execution of the program would lead to the environment diagram below. You may not use any numbers in any blanks.

```python
def how(f, x):
    return __________

def bizarre(___):
    return 2 * ______

scary = ________(________, 3)
```
0.2 Fill in the lines below so that the execution of the program would lead to the environment diagram below. You may not use any numbers in any blanks.

```python
def what(_______):
    def _______(x):
        return _______
    return _______

def who(n):
    def ________(k):
        return 2 * k + n
    return ___________
y = 3
____(____(____))(4)
```

Note: This worksheet is a problem bank—most TAs will not cover all the problems in discussion section.
0.3 Fill in the lines below so that the execution of the program would lead to the environment diagram below. You may not use any numbers in any blanks.

```python
def switch(aroo):
    def _______(fun):
        if aroo ______ fun:
            return "great"
        return "terrible"
    return _______

very = switch(_______)
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cs61a = switch(_______)
```
Fill in the lines below so that the execution of the program would lead to the environment diagram below. You may only use y, (,), and h in the blanks.

```python
y = "y"
h = _____
def y(____):
    h = "h"
    if y == h:
        return y + "i"
    y = lambda ____: _____
    return lambda ____: _____
y = y(____)(____)
```

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