

*Answer each question to the best of your ability. The last two questions are bonus.*

1. What will this print?

1

```
fruits = ["apple", "banana", "cherry"]  
print(fruits[1])
```

banana

2. Fill in the second line (???) to add the value “cabbage” at the end of the list.

1

```
veggies = ["carrot", "potato", "broccoli"]  
???  
veggies.append("cabbage")
```

3. What will this print?

1

```
electronics = ["iphone", "roomba", "Oculus Quest"]  
electronics.pop(-1)  
for i in range(len(electronics)):  
    print(electronics[i])
```

**iphone**  
**roomba**

4. You call the bank and are put on hold. Your name is in a list of people to call back. Should this list be processed as (1) first-in-first-out or (2) last-in-first-out?

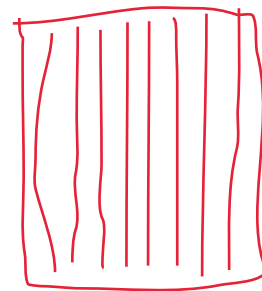
1

**first-in-first-out**

5. I wrote this Processing program. What does it do? You can use a diagram to illustrate.

1

```
def setup():  
    global lines  
    size(400, 400)  
    lines = []  
    for i in range(10):  
        lines.append(i * 50)  
  
def draw():  
    global lines  
    for i in range(len(lines)):  
        line(lines[i], 0, lines[i], 400)  
    noLoop()
```



6. (bonus) Create an instance of the class MyClass called my\_instance

1

```
class MyClass:  
    def __init__(self):  
        self.name = "I am MyClass"  
  
my_instance = MyClass()
```

7. (bonus) When I instantiate MyBadClass and call update on it, I get the error `AttributeError: MyBadClass instance has no attribute x`. How do I fix this?

1

```
class MyBadClass:
    def __init__(self):
        self.y = 0
        self.x = 0
    def update(self):
        self.x += 10
```