

## Lab 7 Worksheet

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### What is the output (10 points)

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Names and netIDs of the group members:

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Trace the output of the following programs. Make sure you are working on paper, **not** on the computer.

```
values = []  
  
for num in range(5):  
    values = values + [ num*11 ]  
print(values)
```

```
values = []  
  
for num in range(5):  
    values = values + [ num*11 ]  
print(values)
```

```
values = [1, 2]  
  
for num in range(3):  
    values = values + values  
print(values)
```

```
values = []  
  
for num in range(5):  
    values = values + [len(values)]  
print(values)
```

```
values = []  
  
for num in range(5):  
    values = values + [len(values)]  
print(values)
```

```
my_list = [1, 2] * 3
print (my_list)
```

```
prices = [1.00, 10.00, 100.00]
for item_price in prices:
    item_price = item_price * 1.10 # add tax
print (prices)
```

```
prices = [1.00, 10.00, 100.00]
for i in range(len(prices)):
    prices[i] = prices[i] * 1.10 # add tax
print (prices)
```

```
prices = [1.00, 10.00, 100.00]
index = 0
while index < len(prices):
    prices[index] = prices[index] * 1.10 # add tax
    index = index + 1
print (prices)
```

```
prices = [1.00, 10.00, 100.00]
index = 0
while index < len(prices):
    prices[index] = prices[index] * 1.10 # add tax
    index = index + 1
print (prices)
```