

Clicker Questions

Which of these will print [1, 2, 3]?

```
Program One.py
def buildList(L):
    L = [1, 2, 3]
def main():
    L = [ ]
    buildList(L)
    print( L )
main()
```

```
Program Two.py
def buildList(L):
    L = [1, 2, 3]
    return L
def main():
    L = [ ]
    buildList(L)
    print( L )
main()
```

```
Program Three.py
def buildList(L):
    L.append(1)
    L.append(2)
    L.append(3)
def main():
    L = [ ]
    buildList(L)
    print( L )
main()
```

Answers:

- A) One and Two
- B) Two and Three
- C) Only Three *****
- D) All of them

What is wrong with this program?

```
def buildList(L):  
    L = [1, 2, 3]
```

```
def main():  
    buildList(L)  
    print(L)
```

Answers:

- A) Nothing. The program will run.
- B) Function buildList() should return L
- C) L is not defined in main() *****
- D) main() should say L = buildList(L)

What will this do?

```
def buildList(L)
    done = False
    for i in range(10):
        x = input( "Gimme a string: " )
        if x == "":
            done = True
        L.append(x)
```

Answers:

- A) It builds a list of up to 10 strings, ending when it gets to 10 or it gets the empty string.
- B) It builds a list of exactly 10 strings. *****
- C) It gets an error message.