

CSI 31 Lecture 15 In-Class assignment:

1. Show the output of each of the code blocks

```
a) def main():
    a, b = -1,1
    c = [1,2,3]
    print(a,b,c)
    f1(a,b,c)
    print(a,b,c)

def f1(x,y,z):
    x = 2
    y = 3
    z.append(x+y)
    print(x,y,z)

main()
```

```
b) def g():
    a, b = -1,1
    c = [1,2,3]
    print(a,b,c)
    f1(a,b,c)
    print(a,b,c)

def f1(x,y,z):
    x = 2
    y = 3
    z = [0]
    z.append(x)
    z.append(y)
    print(x,y,z)

g()
```

What is the difference between the two code blocks?

2. Entire class project

Let's write a bunch of function definitions separately, then put them all into one file and run some code. Here is a list of functions to work on (pick one, you can work in group):

```
sum_
average
sumOfSquares
product
min_
max_
readFromFile()
outputToFile()
```

You can find the description of each function here: [InClassAssignment3.py](#)

