CS21: INTRODUCTION TO COMPUTER SCIENCE

Prof. Mathieson
Fall 2018
Swarthmore College
Outline Oct 5:

• Quiz 2
• Stack diagrams with lists (+ Handout 3)
• shuffle.py program if you have time

Notes

• Ninja session TONIGHT in this room! 7-9pm
• Lab 4 due Saturday night
• Office Hours 3-5pm TODAY
Stack Diagrams (Handout 3)
def add(lst, x):
    n = len(lst)
    for i in range(n):
        lst[i] = lst[i] + x
    print("done adding!")

def main():
    data = [7, 10, 4]
    x = 2
    add(data, x)
    print(data)

main()
Handout 3

Note: it would also be fine (and perhaps more correct) to make separate 2-box for x. This way is okay though as long as we keep in mind that if x changed, it would get a new box - the change would not affect z.