CS150- For Loops 2/1/2012 Note Title Announcements -HW due Saturday by midnight

Practice (also solution in book) P2.17, p83: Write a script that
prompts the user to enter
their name in the form:
'first Name last Name' Then output their name in the form: 'lastName, firstName' P 2.3]: Write a program that asks the user to enter U 2 integers, Separated by a space, 4 outputs the sum Ex:

Enter 2 integers: 5 16.

Their Sum 15 21.

tor loops - Ch 4.1 Sometimes we need to repeat things a set # of times, or for each item in a sequence. This is called teraing over a set. for variable in Sequence:

Code to
execute

quests = ['Kim', 'Lizzie', Eric']

Print 'Guest List'

for person in quests:

print person Schematic: Derzon 118t 5/

Another example: transactions = [20, 50, -10, 100] balance = 0 for entry in transactions: balance = balance + entry print 'Your balance is', balance transactions list

groceries = ['milk', 'eggs', 'chease'] 

f von just need to repeat set # of times, use range: for value in range (10) animal.vnove (10) 0] Sleep (.5) animal move (10,0) range (10) sleep (.5)

for count in range (10,0,1):

print count 'Blastoff!'

for chapter in (1','2'):

print 'Chapter' + chapter

for Section in ('a', 'b', 'c'):

print 'Appendix'

Print 'Appendix'

Practice 4.2

Given a string original, create a new string I dramatic that has a consecutive copies of each letter from the original string.

Ex: 'argh' results Jin 'aarraghh'

for letter in original