LAB 7 – for Loops

New Python Instructions Needed for This Lab

Iterative Control

for statement   e.g., for k in range(1,10):

                                       -----

print statement without line break,

displayed on two lines	displayed on one line
print 'Hello '	print 'Hello ', (comma causes screen cursor to stay on same line)
print 'There'	print 'There'

Task 1

Write a simple program that **uses a for loop** to allow the user to indicate a range of integers to sum over. For example, if the smallest value is 5 and the largest is 15, then the program will sum all the values between 5 and 15, inclusive,

$$5 + 6 + 7 + \ ... \ + 14 + 15$$

Task 2

Write a program using nested for loops that outputs the following table.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
.
.
41	42	43	44	45	46	47	48	49	50

What to Turn In
- copy of the program file posted to BlackBoard