CS 100 2017F  
Homework 04

**Due:** [dependent on section].

**Read** Read the Python tutorial sections 4.1, 4.2, 4.3. The Python tutorial can be accessed through the documentation installed with Idle:

help -> Python docs -> Tutorial -> More Control Flow Tools

or on the Web:

https://docs.python.org/3/tutorial/controlflow.html#for-statements

Problem 1.

Create a list named *months* of the months of the year. Write a for loop that iterates over the elements of *months* and prints out each one that begins with letter ‘J’, one month per line.

Problem 2.

Write a for loop that iterates over all of the integers in the range 0 through 99, inclusive, and prints out all of those numbers that are divisible by both 2 and 5.

Problem 3.

Consider the strings created by these assignment statements

horton = "A person's a person, no matter how small."

vowels = "aeiouAEIOU"

Write a for loop that prints out all the vowels in *horton* in the order they appear in *horton*.