07.1 - Multiples of N

Write a function named `multiples_of` that accepts an integer as its first argument and a list of integers as its second argument. When called, this function should return a new list containing the integers from its second argument which are multiples of its first argument.

Next, write the `main` function of your program so that it defines a list of numbers, calls your `multiples_of` function with two arguments (an integer and the list), and finally displays the orignal list of numbers and the list returned from the call to your `multiples_of` function. This program should run *without* user input.

Finally, format your program to match the sample below. Your output should exactly match the sample output, character for character, including all white space and punctuation. Save your program as `multiples_of_n_login.py`, where `login` is your Purdue login. Then submit it along with a screenshot showing a test run of your program.

Terminal

```
$ python multiples_of_n_login.py
Original list of numbers:
  [19, 1599, -546, 10, 39, -58, 1, 85, 201, -91, 286, 799, 406]
Numbers in the list that are multiples of 13:
  [1599, -546, 39, -91, 286]
```