

CS 101 Homework #6

Deadline: November 2nd, 9:00 pm. Save your code as lastname_homework6.py and submit on Edmodo.

Questions/Tasks:

- 1) Print all odd numbers between 10 (included) and 40 in decreasing order
- 2) Print all hundredths between 0.1 and 0.3 (included), for example, 0.10, 0.11, 0.12 and so on all the way to 0.30 (included).
- 3) Print all multiples of 7 between 0 and 100 (included). Use for i in range loop to iterate over the numbers between 0 and 100. Use while/break and modulus operator to identify and print the relevant numbers.
- 4) The following is a Python list that contains the names of Spring months:

```
months = ["March", "April", "May"]
```

Use for loop to print the name of each month (consult the classwork slides if you need help).

*(more difficult task; requires nested loops) Use for loop to print the name of each month and then the letters it consists of. For example:

```
March
M
a
r
c
h
```

*5) Print all even numbers between 0 and 200 (included) which have a "7" in them. Hints: This task involves string conversion. It also requires two for loops, and a while loop to identify relevant numbers.