

CSCI 206 Lab	Date: 5 Oct 2018
Lab5 – Loopy Numbers	Due: 11 Oct 2018
Please submit your lab in your lecture section on Moodle.	

Notes:

- Make sure to use variable names that make sense.
- Add comments to document your code. Comments are not optional.
- Use blank lines here and there to separate logical steps in your code
- Use a single-line comment before each block to describe what you are doing – don't describe the code syntax, but rather the purpose of the code. These comments should effectively describe the steps in your "algorithm."
- Spell things carefully, including capitalization, since Java is fussy about that
- Indent things carefully, as in the sample program
- Check your results!

Write a Java program that will ask the user for a starting number, and ending number, and an increment number. The program will then count upward, from the starting number up to and including the ending number, by the increment number, displaying each number on a separate line. Also, for each displayed number, the program will say whether the number is even or odd. This program will require the use of the "while" loop as well as the "if/else" statement. Examine the sample outputs carefully in order to structure your code in a logical manner.

Output example A:

```
Please enter a starting number:
3
Please enter an ending number:
19
Please enter an increment number:
3
The number 3 is odd
The number 6 is even
The number 9 is odd
The number 12 is even
The number 15 is odd
The number 18 is even
Thanks for playing!
```

Output example B:

```
Please enter a starting number:
5
Please enter an ending number:
30
Please enter an increment number:
4
The number 5 is odd
The number 9 is odd
The number 13 is odd
The number 17 is odd
The number 21 is odd
The number 25 is odd
The number 29 is odd
Thanks for playing!
```