

<b>CSCI 206 Lab</b>	<b>Date: 28 Sept 2018</b>
<b>Lab4 – What the If?</b>	<b>Due: 4 Oct 2018</b>
<b>Please submit your lab in your lecture section on Moodle.</b>	

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 one-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 program that uses the following if statements:

1. Mountain Climber
  - a. Ask the user for their elevation.
  - b. If their elevation is above 26,000, then print "Death Zone!". If it's above 7000, then print "High!", otherwise, print "Meh, not that high".
2. Magic 8 Ball
  - a. Ask the user for a number between 1 and 1000.
  - b. Create 4 possible phrases or answers and use an if statement for divvying up outputting the answers according to what the user entered.
3. Let's do a calculation
  - a. Ask the user for some number of yards.
  - b. Print out what the user entered.
  - c. Print out the equivalent number of feet and inches that the number of yards converts to.
    - i. There are 3 feet in a yard and 12 inches in a foot.

Output example:

```
What is your elevation?
500
Meh, not that high
Welcome to the Magic 8 Ball!
Think of a question.
Now enter a number between 1 and 1000.
666
Outlook not so good.
Enter some number of yards:
5
You entered 5 yards.
This is equivalent to 15 feet or 180 inches.
```