



Lab 01: If Basics

In this lab you will be writing basic if statements

Exercises

1. Ask the user for an integer. Then, based on their input one of the following should be printed.
 - a. Input 6
output: `Five, six, pickup sticks!`
 - b. Input is less than 0
output: `That's so negative of you!`
 - c. Input is between 13 and 19 inclusive
output: `Oh the teenage years...`
 - d. Input is an even number greater than 19.
output: `What about the odds?`
 - e. All other inputs
output: `I haven't found that one yet.`

2. At the top of the program is `public static String name = ""`; Make it store your name. Then, in the `problem2()` method, ask the user, `"Do you know my name?"` Depending on their response, you should print one of these.

`What can I do for you?`

`or`

`You don't even know my name. We're THROUGH!!`

Continue...



Exercises

3. Jabo owns the local ACE hardware store and is trying to help customers with their orders. Here's the problem. 1 box of nails is enough for 9 boards. Too often customers come back for more nails. So, ask the user how many boards and nail boxes they bought. For the tests to work, you must ask for boards first. Then tell them...

You have enough nails.

Or, tell them how many more nails they need.

You need <number> more nail boxes.

Hint. If you need 1.2 boxes of nails you can force it to round up no matter the decimal.

```
(int) Math.ceil(<double>)
```

It's a ceiling method. It rounds EVERYTHING up.

So if I put something worth 1.2 in where it says <double>, it will round up to 2.0. The (int) casts (converts) it to an integer.

Continue...

