



Introduction to Programming

Tutorial Task 3.1.1: Name Tester (Part 1)

Overview

Control flow enables you to easily add conditions and loops to your programs. In this task you will create a small program that uses conditions and loops to output custom messages to users.

- Purpose:** Learn to use the control flow statements within a program.
- Task:** Create a program that tests a user's name and echoes a custom message.
- Time:** This task should be completed before the start of week 4.
- Resources:**
- Chapters 6 and 8 of 'Learn to Program'
- [Chapt 6: Flow Control](#)
- [Chapt 8: Writing Your Own Methods](#)

Note: Remember to submit **all tasks** to **Canvas**. Also make sure you *fix and resubmit* any Pass tasks you did not get signed off last week!

Submission Details

You must submit the following files to Canvas:

- NameTester program source code.
- A screenshot of your program running
- Answers to questions about control flow.

Make sure that your task has the following in your submission:

- Demonstrates use of Ruby programming convention, including indentation and selection.

Instructions

Create a small program that will check the user's name and respond with different messages for different people.

1. Download and extract the resources for this task.
2. Open **name_tester.rb** using Atom or Sublime Text or similar
3. Implement a **main** procedure with the following logic:
 - It reads a name from the user, and displays back a message.
 - Check if the name entered is your name.
 - If the name is *your name* or *your tutor's name* output the message 'Awesome name!'
 - Otherwise output the silly name message:

1. It reads a name from the user, and displays back a message.
2. Check if the name entered is your name or your tutor's name.
3. If the name is your name or your tutor's name output the message: '#{name} is an awesome name!'
4. Otherwise output the silly name message: '#{name} is a silly name'

An example of the output of this program is as follows:

```
What is your name?  
Ted  
Ted is an awesome _name!  
Or:
```

```
What is your name?  
JillyJenny  
JillyJenny is a silly name
```

