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!

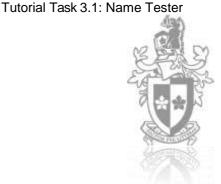
Submission Details

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
```