**Ruby Rspec Homework 05**

Purpose: Learn about Ruby and RSpec so that you can implement Ruby code and unit test with RSpec. Use online resources to help you.

Effort: Individual READ [Academic Integrity CS3300.pdf](https://drive.google.com/file/d/1ifAQK-X4BOkH4nf1U8uBGGmGuqiCt4ZV/view?usp=sharing)

* **OBTAINING SOLUTIONS FROM STUDENTS IN PREVIOUS SEMESTER**
* **WORKING TOGETHER WITH OTHER STUDENTS**
* **USING EXACT PROBLEM SOLUTION**
* **WORKING TOGETHER**
* **You can share resources that helped you but not the code**

Points: 40 pts (32 for questions and 8 pts for final code)

Deliverables: Word document with answers to questions and final ruby\_intro.rb code file

**Assignment Description**

* Write simple code that uses basic constructs in the Ruby language, including methods and arguments, conditionals, string and array manipulation, regular expressions, and basic object-oriented programming mechanisms
* Understand the Ruby project conventions for where code files and test files are located in a project's directory hierarchy
* Run individual tests or suites of tests using the RSpec unit testing tool
* Understand the basic syntax of RSpec unit tests and write your own

Instructions: <https://github.com/debmhteach/Cs3300-ruby-rspec>

* Run another instance of your docker development environment so you do not work in your Portfolio Project environment.
* **Create a GitHub repository that is private to store your code**
* Write the code to make the 3 tests pass
* Keep track of your resources
* Include the people you collaborated with

Answer the following:

1. **Explain** what you understand about using RSpec and how it relates to BDD and TDD? **Include your resources. (8 pts)**
2. **Explain** your code for the following and **include your resources**. The world wide web is your friend for this assignment. Include your online resources you used to help you write the code. (**6 points for code explanation and 2 points for resources)**
   * 1.3 (1. Arrays, Hashes, and Enumerables 3. Define a method sum\_to\_n?(array, n).
   * 2.2 (2.Strings and Regular Expressions Define a method starts\_with\_consonant?(s)
   * 3 Object Oriented Basics