Lab 1

Goal: The purpose of this lab is to walk through the problem solving process on a simple problem.

Problem: Write an efficient program that calculates the amount of tuition you must pay in a given semester. The amount of tuition is based on the number of credits you are taking. Each credit costs $200, and is subject to a technology fee of $5 per credit. In addition, all students pay a registration fee of $100 regardless of the number of credits they are taking. The number of credits should be gathered through user input.

Create **ONE** Word file that contains the following:

- Create a defining diagram
- Create a solution algorithm using pseudocode (<u>NO</u> Java)
- Check the solution algorithm by using the desk checking table method