**ICS 108 – Object-Oriented Programming**

**Lab # 1 – Java Basics**

**Objectives:**

In this lab, the following topic will be covered:

1. Selections
2. Loops

**Task**

Write a program that finds the GPA of a student. First read the number of courses. Then read the letter grades and credit hours.

Letter grades are

A+, A, B+, B, C+, C, D+, D, and F.

Their numeric values are

4.0, 3.75, 3.5, 3.0, 2.5, 2.0, 1.5, 1.0, and 0.0.

Here is sample run:

How many courses?

3

Enter letter grade, credit hours for 3 courses:

A+ 3

B 4

A 2

GPA = 3.5