# PRT 452 Assignment 1

During the course you will be required to do a number of class activities. Marks will be awarded for successful completion of these tasks. This will contribute 20% towards the marks allocated for this assignment. In addition there is an assignment which needs to be completed and submitted using the learnline submission point provided for assignment 1.

## Q1. Create a SVN or Git directory for you assignment (including word or pdf documents and programming code);

## 10 Marks

## Q2. Some English words can be transferred to another one by reorder the letters.

For example, ‘how’ and ‘who’.

**Requirements:**

* **Input**: A number of words, each word will be in one line;
* **Output**: Print out the number of words in each group and the words in the group ordered by the number of words in the group from the largest to the smallest.

**For example:**

* **Input:**

how

who

here

paw

wap

awp

* **Output:**

3: paw, wap, awp

2: how, who

1: here

1. Write a program to group the similar words and print out the number of words in each group and the words in the group ordered by the number of words in the group from the largest to the smallest;
2. Consider different test cases for normal and abnormal operation and inputs;
3. Use test driven development method and present the TDD process in your code environment (not the general flow) in this assignment;

## 50 Marks

## Q3. What are the benefits of using change request form as the central document in the change management process?

## 20 Marks