

## Java Lab Assignment 4

1. Set up a string variable to hold the following results:

String results = "Manchester United 1 Chelsea 0, Arsenal 1 Manchester United 1, Manchester United 3 Fulham 1, Liverpool 2 Manchester United 1, Swansea 2 Manchester United 4";

Write a program to work out how many wins Manchester United had, how many games they drew, and how many Manchester United lost.

Extend the program to work out how many goals Manchester United scored and how many they conceded.

Suppose a win gains you 3 points, a draw 1 point, and a loss no points. Have your program work out how many points in total Manchester United have acquired.

When you have finished this exercise, the output should be as follows:

```
number of wins =3
number of draws =1
number of defeats =1
goals scored =10
goals conceded =6
number of points =10
```

2. Write a program which will read a string and rewrite it in the alphabetical order.  
For example, the word **STRING** should be written as **GINRST**.
3. Write a Java Program to perform the following:  
Given a string, count the number of words ending in 'y' or 'z' -- so the 'y' in "heavy" and the 'z' in "fez" count, but not the 'y' in "yellow" (not case sensitive).  
Example:  
countYZ("fez day") → 2  
countYZ("day fez") → 2  
countYZ("day fyyz") → 2
4. Write a Java Program to perform the following:  
Given a string, return a version without the first 2 chars, except keep the first char if it is 'a' and keep the second char if it is 'b'. The string may be any length.  
Example:  
deFront("Hello") → "llo"  
deFront("java") → "va"  
deFront("away") → "aay"