

## **Recitation Week 3 – Basic Input & Arithmetic**

### **Problem 1.**

**(10 points)**

**Ask the user to enter a string and print out the string they entered.**

*Sample program output:*

Please enter a string:

Hello

You entered: Hello

### **Problem 2.**

**(15 Points)**

**Ask the user to enter three numbers and output the sum, product and average of the numbers.**

*Sample program output:*

Please enter three numbers:

1

20

6

The sum is: 27

The product is: 120

The average is: 9.0

**Problem 3.**

**(20 Points)**

Ask the user to enter the number of seconds and convert it into hours minutes and seconds.

*Sample program output:*

Please enter seconds:

3665

You entered: 1 hour(s), 1 minute(s) and 5 second(s)

**Problem 4.**

**(20 Points)**

Ask the user to enter two numbers. Store these in two variables and then swap the values before displaying them

*Sample program output:*

Please enter two numbers:

10

20

Swapped values are 20 and 10

**NOTE: DO NOT just print them in opposite order. The values have to be swapped in the variables used to store them**

**For example if you stored the first number in a variable var1 and the second in var2 at the end of your code the number which was originally in var1 should now be in var2 and the number which was originally in var2 should now be in var1**