

## MODULE 1: INTRODUCTION TO PROGRAMMING IN C#

### FURTHER EXERCISES

#### **Tutorial 1**

1. Design and write a program that will convert the temperatures -10, 0, 5, 50, 100 in degrees Celsius into Fahrenheit and print the results on the console in the following format paying attention to column alignment. You should use the internet to find the conversion formula.
2. Write a program to calculate the area and circumference of a circle given its radius,  $r$ . The formula are  $\text{area} = \pi r^2$ ,  $\text{circumference} = 2\pi r$ . Take  $\pi$  to be 3.142
3. Write a program that enables the user to enter a 5 letter word and to output it in reverse order.
4. Write a program that will input a length of time in seconds and output this in the form of hours, minutes and seconds.
5. Write a C# Sharp program that inputs distance (in metres) and time (in hours, minutes and seconds) and displays the speed in kilometers per hour and miles per hour.