**Chapter 5 Loops – Programming Exercises – while Loops**

Draw a flowchart for the following scenarios, then implement the flowcharts:

1. Print your name 10 times
2. When the value of speed is over 40 (the speed limit), print the words "Slow down" and reduce speed by 1 until the speed is under the speed limit
3. Ask the user for 5 temperatures, display the highest temperature entered
4. Generate a random number between 1 and 10. Ask the user to guess your number, stop when the user has guessed the right number
5. Ask the user to enter a list of numbers, then print the sum of all the numbers entered. The user should enter a -1 to indicate they have entered all the data – the -1 is not included in the sum.
6. Ask the user to enter a list of numbers – positive and negative, entering a 0 will quit. Sum up the negative numbers and display the total, sum up the positive numbers and display the total.