Lab week 9

When drawing flowcharts make sure you are using the flowchart nodes in Yed. These are grey/blue in colour. Also make sure you are using the correct node for start and end of the program (terminator node).

Q1) Draw a flowchart that expresses an algorithm that:
Reads in an array of integers with values between 0 and 100 inclusive and calculates a histogram for the array. The histogram should have 10 elements counting numbers in the following ranges:
0-9, 10-19, 20-29, 30-39, 40-49, 50-59, 60-69, 70-79, 80-89 and 90-100.

Q2) Express an algorithm using a pseudocode (see pseudocode guide on Brightspace next to the lab) that:
Write an algorithm in pseudocode that reads in an array, A, that moves all the elements A[i] to A[i-1] except A[0] which should be moved to A[N-1], N being the number of elements in the (zero indexed) array.