

Explain the difference(s) between a one-dimensional array, a multi-dimensional array and a record. Give an example for each to assist with your explanation.

A one dimensional array contains values that are not arrays in themselves, but other data types, for example; a list of numbers. A multidimensional array is an array *of* arrays where there are effectively two or more dimensions of variables to be stored. This is very similar to a matrix in mathematics.

Explain the major operational difference between the while loop and the do... while loop.

The do while loop executes the code once first before checking the conditional statement, whereas the while loop checks the statement first.