**Week 12 Submission**

Amy Law – 18001399

A data structure is a way of storing and organising data on a computer, so that it can be used efficiently. There are two main types of an array data structure, which are 1 dimensional and multidimensional. An array is often the only means for structuring data, which is provided in a programming environment.

Multidimensional arrays are widely used in scientific and engineering database applications.

https://ieeexplore.ieee.org/abstract/document/283048

http://dl.pnu-club.com/jozve/arshad/computer/DS%20E.Horowitz%20(En)(WWW.PNU-CLUB.COM).pdf