

# The University of the South Pacific

School of Computing, Information & Mathematical Sciences

CS 112 Data Structures and Algorithms

## Tutorial Week 8

This tutorial is based on Lab 2 where you have used parallel arrays to store marks, IDs and grades. In this tutorial you are required to use dynamic parallel arrays instead of static parallel arrays.

### Question

Download, read and run updated Lab 2 program (`updated_tutorial_wk2.cpp`) from *week8 Tutorial* folder. Use the same file to do the following:

- i. Delete *const int MAX\_SIZE* from the program because the constant sizes are used only for static arrays.
- ii. Change static arrays into dynamic arrays.
- iii. Download *student.txt* file from *week8 Tutorial* folder. This file is changed so read it first before using it. It has few additional lines. The top line indicates the row size.
- iv. Make all relevant changes in your program to incorporate the changes you have made above.
- v. Validate your program.

- Anurag Sharma