UCS 1312 Data Structures Lab

A1: Array ADT and its application

# Learning Experience

|  | **Technical Outcome.** | **Rate yourself in the scale of 1 to 3**  **1 – Not confident, more practice required.**  **2 - Could modify available code but not able to write own logic.**  **3 - Proficient in Arrays** | **Comments** |
| --- | --- | --- | --- |
| 1 | Algorithm writing | 2 | Not used to the way of designing the algorithm. |
| 2 | Array ADT | 2 | Need to be more efficient in thinking logic |
| 3 | Use of arrays in C | 3 |  |
| 4 | Compilation Errors correction | 1 | Need to learn more on segmentation errors |
|  | **Best Practices** | | |
|  | Suggested by the Instructor | Rate yourself in the scale of 1 to 3  1 – Needs to improve.  2 - Inconsistent in applying  3 - Proficient with the practice |  |
| B1 | Design before coding | 2 | Need to think in terms of steps instead of code |
| B2 | Uniform notation for pseudo-code | 2 | Have to get more used to the way of writing |
| B3 | Use of Multi-file C program | 3 |  |
| B4 | Modular design and coding using versions | 2 | Working version needed to be provided |

# Overall Experience

* Need to code in incremental way
* Correcting segmentation error in more efficient manner