UCS 1312 Data Structures Lab

A3: ADT for CLL, DLL and applications

# 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 CLL/DLL | Comments |
| --- | --- | --- | --- |
| 1 | Algorithm writing | 3 |  |
| 2 | CLL/DLL ADT | 2 | New to Circular and doubly linked lists |
| 3 | Use of CLL/DLL in C | 3 |  |
| 4 | Compilation Errors correction | 3 |  |
|  | **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 | Verification of algorithm using Hand trace | 2 | Should be done more |
| B2 | Modular design and coding using versions | 3 |  |
| B3 | Avoid using break and global variables | 3 |  |
| B4 | Test case design | 3 |  |

# Overall experience

* Make sure you use less time and space complexity.