EXPERIMENT-11: Dynamic Memory Allocation

Objective: To understand the concept of dynamic memory allocation.

List of Lab Activities:

Write algorithm and C program, compile, execute and test the code using Linux C compiler with suitable test cases.

1. Design a structure 'subject' to store the details of the subject like subject name and subject code. Using structure pointer allocate memory for the structure dynamically so as to obtain details of 'n' subjects using for loop.
2. Use self-referential structure to handle its elements with random and dynamically allocated memory. (Optional)

List of Practice Activities:

Write algorithm and C program, compile, execute and test the code using Linux C compiler with suitable test cases.

1. Use self-referential structure with random and dynamically allocated memory to handle its elements in
   a. LIFO format
   b. FIFO format