**Instructions: Please read carefully**

* Please rename this file as only your ID number **(e.g. 18-\*\*\*\*\*-1.doc or 18-\*\*\*\*\*-1.pdf).**
* Submit the file before **11:59pm on 06/12/2020** in the Portal Lab Performance section labeled **Lab task -7. If you cannot complete the full task, do not worry. Just upload what you have completed.**

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| **Do the following to write program for a Single Linked List:**  **Create** a singly linked list by inserting node one by one at the end.  **Insert** a node at the head  **Insert** a node at the tail  **Display** your list  **Insert** a new item at a specific position (after a given node)  **Search** an item into your linked list.  **Delete** an item from the list (at beginning, at last and at middle) |
| **Your code here:** |
| **Your whole Screenshot here: (Console Output):** |

**Home task**

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| 1. Write a C++ code to implement Doubly Linked List operations 2. Implement Stack using Linked List 3. Implement Queue using Linked List 4. Implement a program to sort the elements in a Linked List |
| **Your code here:** |
| **Your whole Screenshot here: (Console Output):** |