**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 17/12/2020** in the Portal Lab Performance section labeled **Lab task- 8. If you cannot complete the full task, do not worry. Just upload what you have completed.**

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| 1. **Write a C++ code to implement Binary Search Tree operations (insertion, traversal and searching)**   **Do the following to write program for a BST:**  To construct a binary search tree of integers (**insert** one by one).  To **traverse** the tree using all the methods i.e., in order, preorder and post order.  To **search** an element on a given BST.  To **delete** a node |
| **Your code here:** |
| **Your whole Screenshot here: (Console Output):** |

Home task

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| Implement a program using BST to store information of students with the following details such as id, name and CGPA. You can use unique id of a student to search and insert different data.  Note: Each node will contain three information: id, name and CGPA but id will be used for searching data in the BST |
| **Your code here:** |
| **Your whole Screenshot here: (Console Output):** |