**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 14/11/2020** in the Portal Lab Performance section labeled **Lab task 5. If you cannot complete the full task, do not worry. Just upload what you have completed.**

**Code Instruction:**

For both of the following problems, an operand is assumed to be a single digit. And an operator is limited to ‘**+’**, ‘**-’**, **‘\*’**, ‘**/’** (these 4 types). Also, for usage of parentheses, use only ‘(‘ for opening and ‘)’ for closing.

In light of these remarks, an algebraic expression for example can be written like below:

**2\*4+(6-3)/3**

Follow the instructions from the next slide regarding how to approach the problems **1** and **2**.

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| --- |
| 1. Write C++ code to convert an infix algebraic expression to a postfix one using the help of Stack. |
| **Your code here:** |
| **Your whole Screenshot here: (Console Output):** |

|  |
| --- |
| 1. Write C++ code to evaluate a given postfix algebraic expression using the help of Stack. |
| **Your code here:** |
| **Your whole Screenshot here: (Console Output):** |