

IIT Guwahati, Dept of CSE, CS331: Prog. Lang Lab

Assignment IV: Haskell Programming

Soft deadline: 11.55 PM IST, 15th March 2021 (Hard deadline of MS team : submission will not allowed after 11.55PM 16th March 2021)

- A) Get a list of numbers separated by commas from the keyboard and parse the same to a list of numbers in Haskell. Your program should prompt to enter a list of number separated by commas.
- B) Generate LCM of all the numbers of the list (from question A) in Haskell.
- C) Create a BST of the list of the number (from question A) and print the elements of the BST in Pre-order, post-order, and in-order traversing.

Submission Procedure:

- Upload your assignments code in the compressed folder (tgx/zip/gz) to MS team Grp_PLLab-CS331-2021 before the deadline.
- **Please embed comments, how to run and required inputs properly in the code, or a separate readme file**
- **Embedd test cases for each functions.**
- Source code will be checked for plagiarism, which can detect variable/function name change, minor structure change (while loop to for loop, vice versa), code displacement/repositioning.
- **Plagiarism case leads to F grades for both source candidate and destination candidate.** Make your code different from the internet code if available freely.