ASSIGNMENT – 3

CSE-231 OPERATING SYSTEMS

REFRESHER MODULE

Total Marks: ~~20~~ 15

Instructions:

1. Each question is of 5 marks.
2. All questions have to be attempted.
3. Submit .pdf on gc (details will be shared soon) using nomenclature as <RollNo>_Assn3.pdf
4. Last date of submission is 5 October.

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1. Write a bash script to print the calendar for the entire month, given a date.
2. Write a bash script that takes two arguments as command-line arguments for the above arithmetic operations (add, sub, mul, div and exp). The first argument should be the name of the operations, *ie.* -- 'add', 'sub', 'div', and 'exp'. The subsequent arguments should be two (or more) operands. Thus, depending upon the operations requested, you may call the appropriate function (bash subroutine), which should perform the corresponding arithmetic operation, using the supplied arguments.
3. a. Implement the insertion and deletion operations in a binary search tree in C.
   b. Implement a height-balanced binary search tree.