COL 216

Computer Architecture

Lab 2 : Evaluation of expression with nested with parenthesis

- We implemented the code, presented to us in Annexure-2 of lab statement, in ARM.
- The code implements ARMSim design pattern and is well commented.
- We have used the `stack pointer register` for storing recursive links and data.
- We have also tried out many combinations, that evaluate to same as in C code.
  - Examples
    - 1*(2*(3*(4*(5)))) = 120
    - -18+18 = 0
    - 4*(3+4*(2+3)) +8 = 148
- Overall, this assignment was a great tool for learning to use stack pointer.

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