- Stack Theory [Last in first out DS]: Pile of data

  Speciality - add/remove/view top = O(1) element where is array takes O(n)
  To traverse stack:
  a. If Stack is built using an array then we can.
  b. If Stack is built using a linked list then we can not.
  c. If Stack is built using STL stack then we can not.
  Real Life Application :
  a. (1+3)x5/3-(3x6) - to evaluate expressions we can use stack.
  b. Regular Bracket matching ((((()))))

- Stack Using Array Theory
  Static / Dynamic Array can be used to build Stack but static not good
  a. Top most element O(1)
  b. Delete top (pop) O(1)
  c. Add to top (push) O(1)
  d. If Stack size > array size: Increase Array size [Dynamic Only]

- Stack Implementation Using Satic Array
- Stack Implementation Using Dynamic Array
- Stack Using Linked List Theory
- Stack Implementation Using Linked List