

CSE 207

1. In terms of memory usage, which is more efficient: an array or a linked list? Provide examples to support your argument.
2. Convert the infix notation to postfix notation using stack:
$$((A + B) * (C - D)) / (E + F)$$
3. Evaluate when recursion should be preferred over iteration and vice versa. Some recursive solutions can be optimized using memoization. Evaluate its impact on the Fibonacci function.