

CSCI 204 In-Class Activity
Create the Stack ADT Using Python List and Linked List

Implement the Stack ADT with the following operations with different data structures

- Constructor which creates a Stack ADT object
 - String function which returns a string representation of the stack
 - `push()` which adds a node to the top of the stack
 - `pop()` which takes the top element away from the stack and returns it to the caller
 - `is_empty()` which returns True if the stack is empty, False otherwise
 - `seek()` which returns (but doesn't remove) the top element of the stack
1. Use a linked list
 2. Use the Python list

Please visit the course website for the starting code and the test program. This will save you some typing.