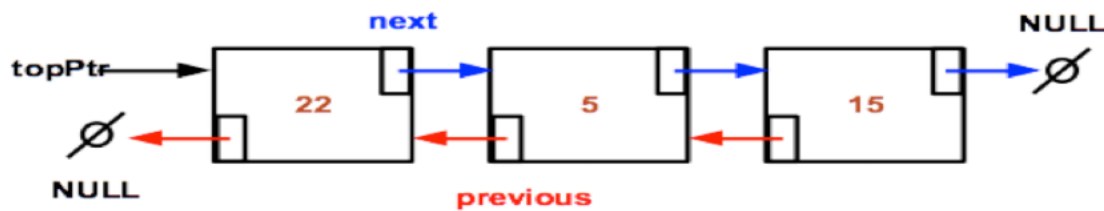# Project 03 – Stack

You will implement a Stack class component for this project. Your Stack class must utilize a dynamic allocated double-linked sequence of nodes to store data values (integers) that have been pushed on to the stack. Each node in the doubly-linked sequence must contain both a **next** pointer which holds the address of the node's successor and a **previous** pointer which holds the address of the node's predecessor.

Struct Node // Node data type for storing a single stack entry
{
    Node   *previous; //Holds the address of the predecessor node
    Node   *next;   //Holds the address of the successor node
    int   data;   // Holds the data value
};

To implement the stack class, stack.h and main.cpp is given. Your task is to complete the stack.cpp file.