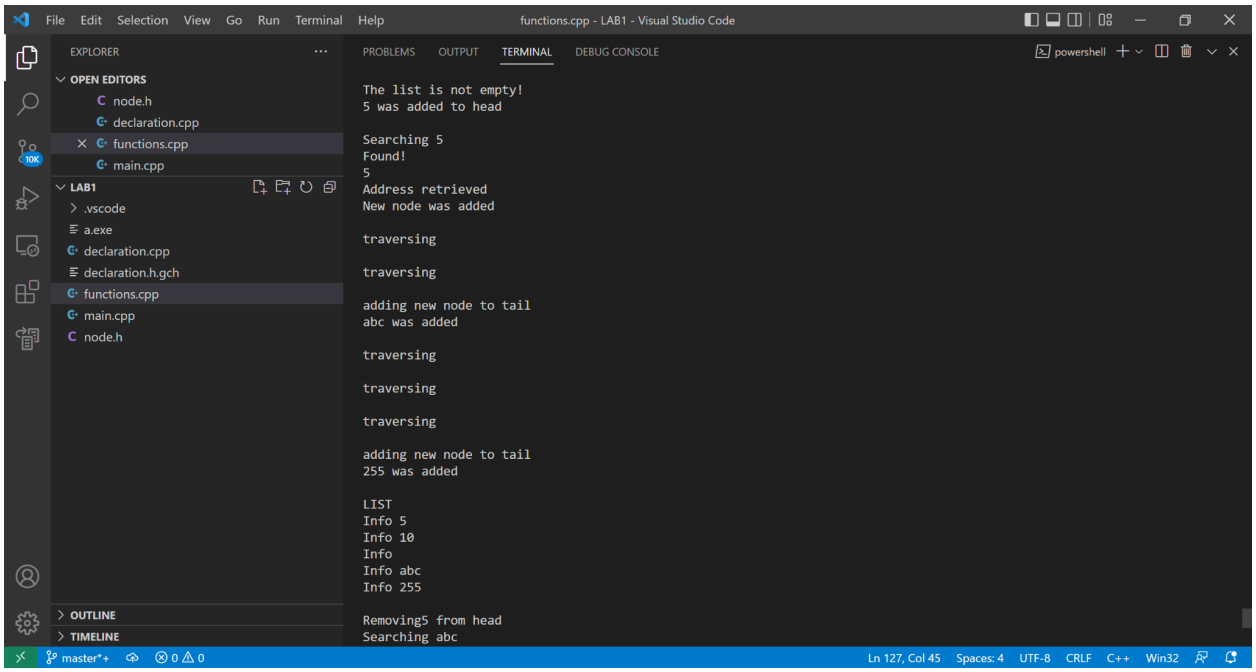
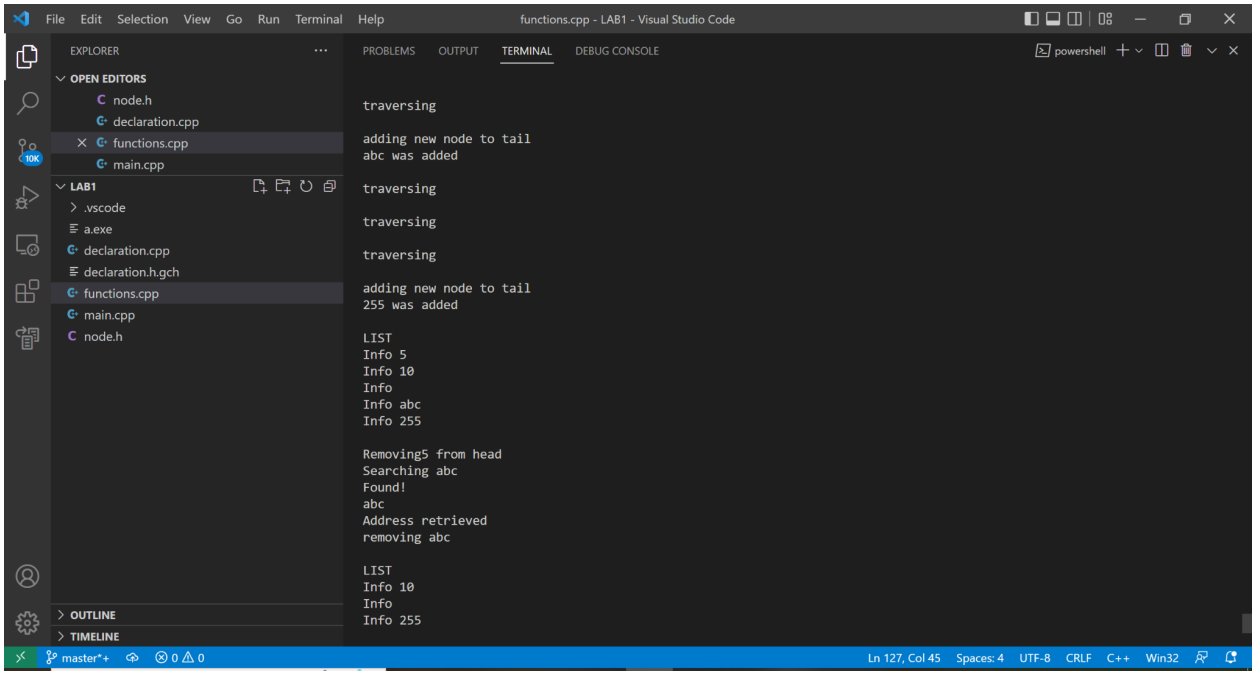
Lab 1 Report

Output





Description

In the program, there are 4 files:

Node.h
It includes class Node with functions Node(info) and print().

Declaration.cpp
It includes the declaration of the functions to be executed in the program given in the question itself.

Functions.cpp
It includes the definition of the function.
isEmpty() checks if head is empty and returns true or false
addToHead(data) adds the data to the node as head if not empty
addToTail(data) adds newnode to the tail
add() just adds a newnode
removeFromHead () deletes the head and sets the next node as the head
search(data) returns a message ‘found’ if the input string matches the data and ‘not found’ if not matched
retrieve() retrieves the address of the data found through search
remove() deletes the node retrieved from retrieve()
traverse() gives the list of the data