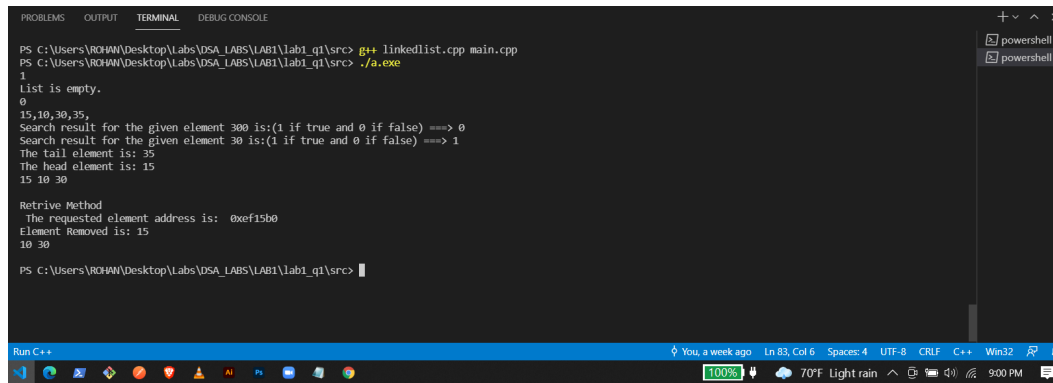


LABWORK_01

OUTPUT: (QUESTION 01)

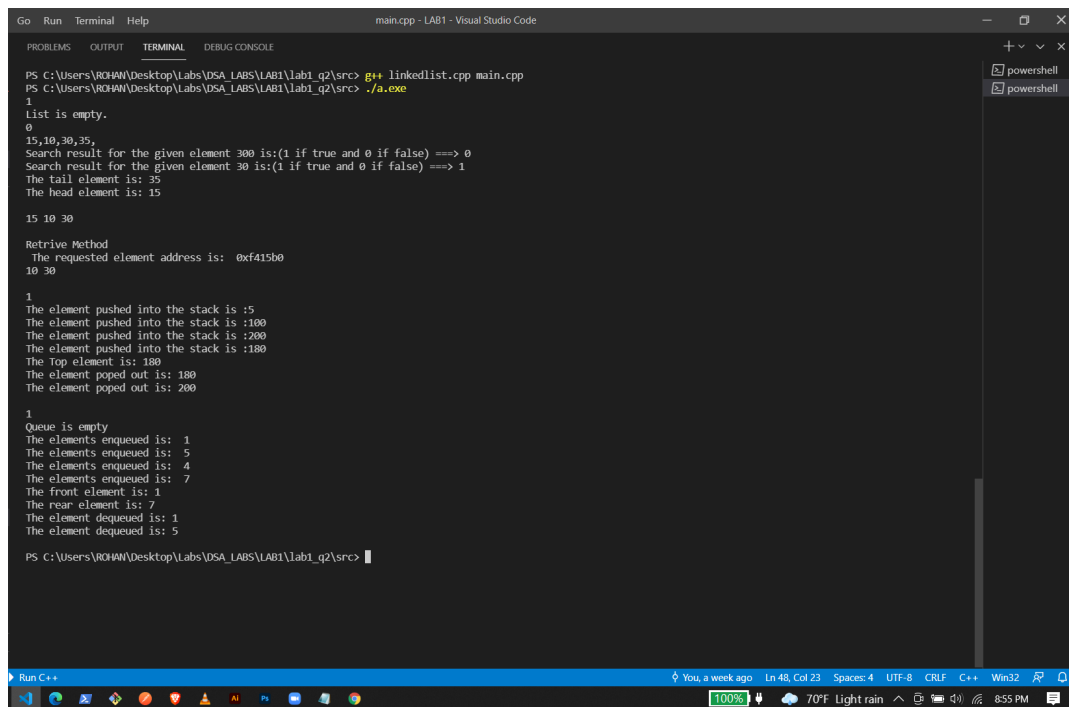


```
PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE
PS C:\Users\ROHAW\Desktop\Labs\DSA_LABS\LAB1\lab1_q1\src> g++ linkedlist.cpp main.cpp
PS C:\Users\ROHAW\Desktop\Labs\DSA_LABS\LAB1\lab1_q1\src> ./a.exe
1
List is empty.
0
15,10,30,35,
Search result for the given element 300 is:(1 if true and 0 if false) ==> 0
Search result for the given element 30 is:(1 if true and 0 if false) ==> 1
The tail element is: 35
The head element is: 15
15 10 30

Retrive Method
The requested element address is: 0xef15b0
Element Removed is: 15
10 30

PS C:\Users\ROHAW\Desktop\Labs\DSA_LABS\LAB1\lab1_q1\src> |
```

OUTPUT: (QUESTION 02)



```
Go Run Terminal Help main.cpp - LAB1 - Visual Studio Code
PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE
PS C:\Users\ROHAW\Desktop\Labs\DSA_LABS\LAB1\lab1_q2\src> g++ linkedlist.cpp main.cpp
PS C:\Users\ROHAW\Desktop\Labs\DSA_LABS\LAB1\lab1_q2\src> ./a.exe
1
List is empty.
0
15,10,30,35,
Search result for the given element 300 is:(1 if true and 0 if false) ==> 0
Search result for the given element 30 is:(1 if true and 0 if false) ==> 1
The tail element is: 35
The head element is: 15

15 10 30

Retrive Method
The requested element address is: 0xf415b0
10 30

1
The element pushed into the stack is :5
The element pushed into the stack is :100
The element pushed into the stack is :200
The element pushed into the stack is :180
The top element is: 180
The element popped out is: 180
The element popped out is: 200

1
Queue is empty
The elements enqueued is: 1
The elements enqueued is: 5
The elements enqueued is: 4
The elements enqueued is: 7
The front element is: 1
The rear element is: 7
The element dequeued is: 1
The element dequeued is: 5

PS C:\Users\ROHAW\Desktop\Labs\DSA_LABS\LAB1\lab1_q2\src> |
```