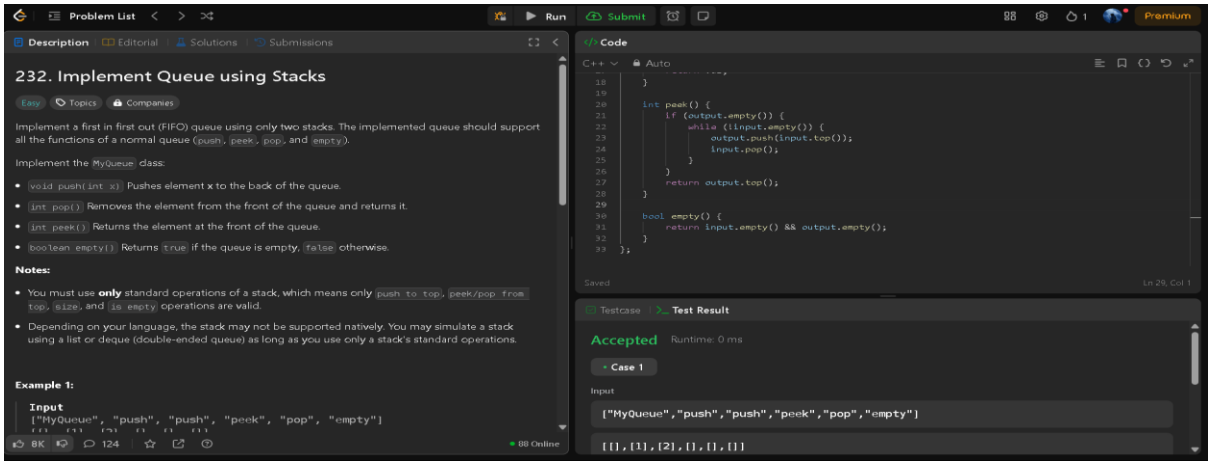
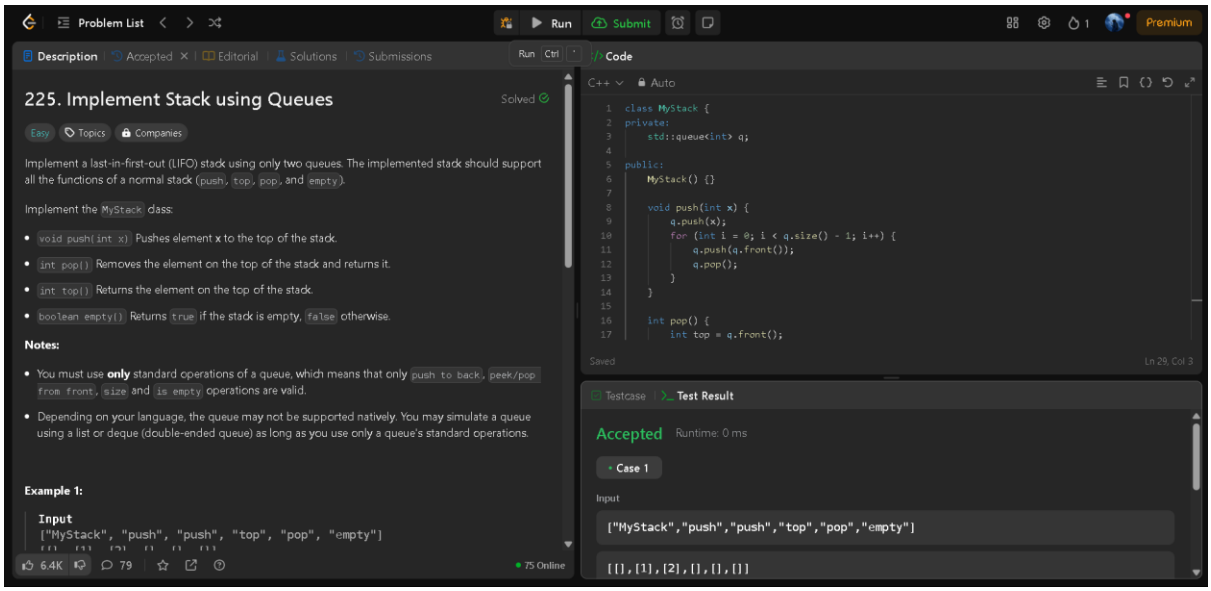
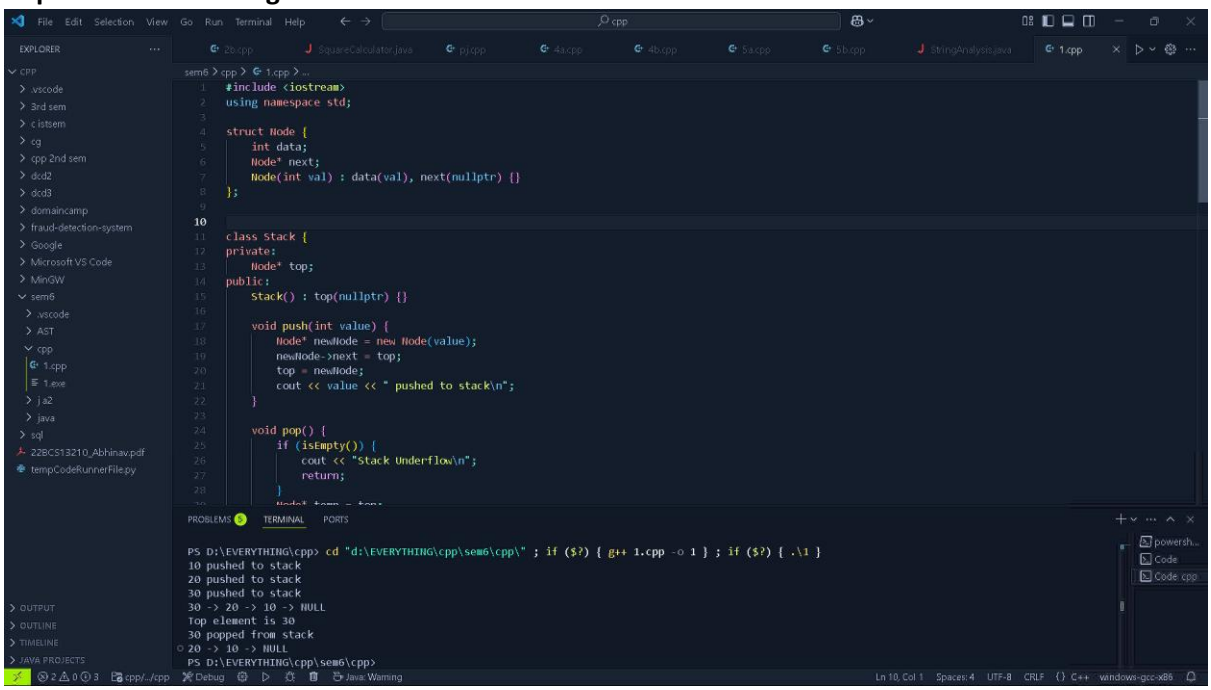
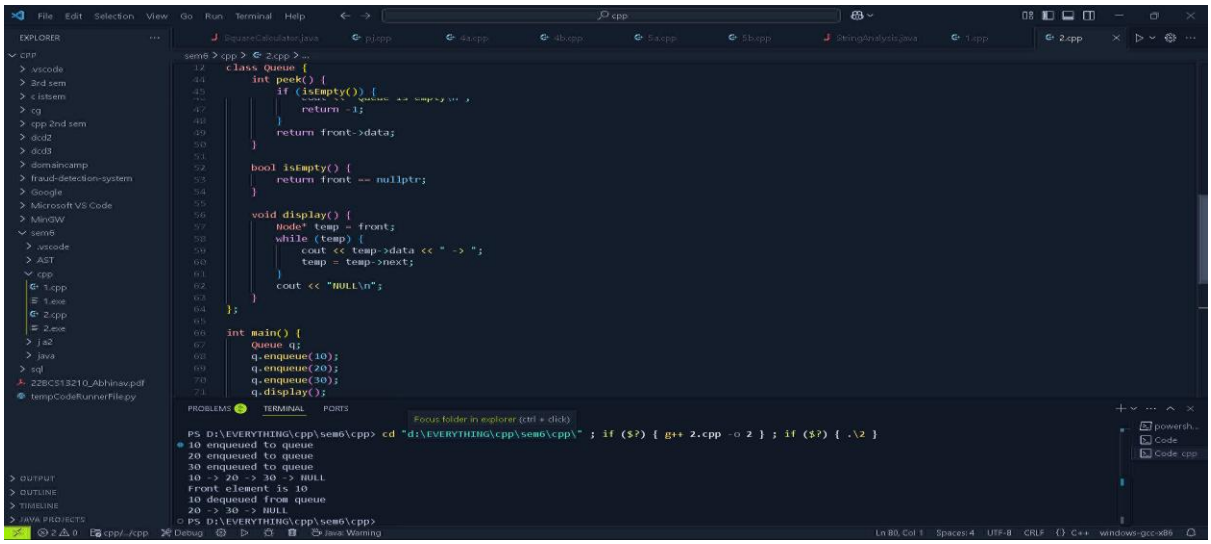




Implement Stack using Linked List.

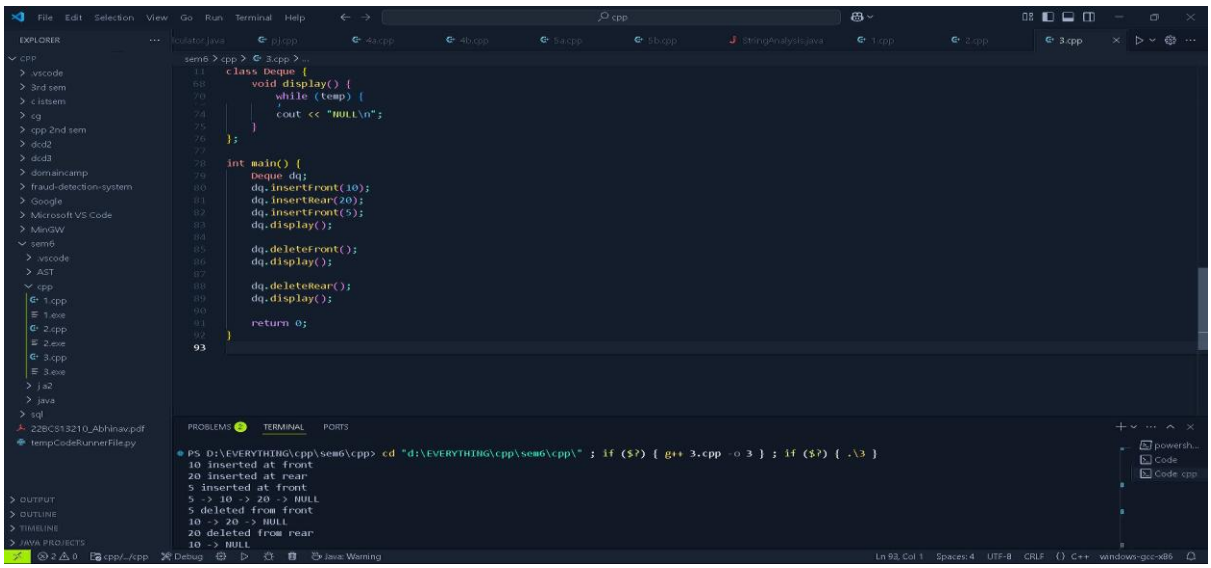


Queue using Linked List



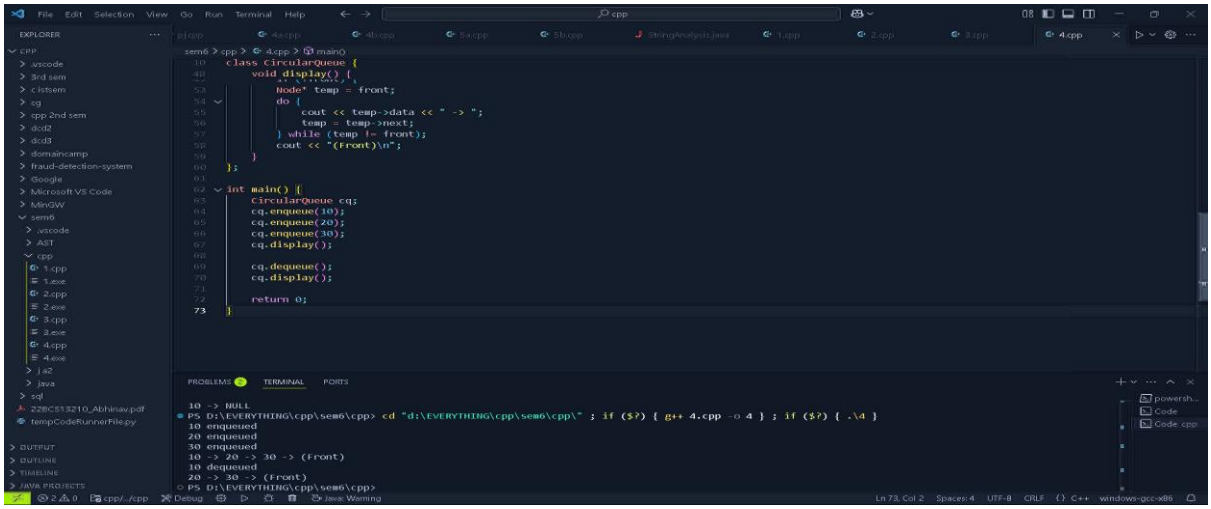
```
PS D:\EVERYTHING\cpp\sem6\cpp> cd "d:\EVERYTHING\cpp\sem6\cpp\" ; if ($?) { g++ 2.cpp -o 2 } ; if ($?) { .\2 }
10 enqueued to queue
20 enqueued to queue
30 enqueued to queue
10 -> 20 -> 30 -> NULL
Front element is 10
10 dequeued from queue
20 -> 30 -> NULL
PS D:\EVERYTHING\cpp\sem6\cpp>
```

Deque using Doubly Linked List



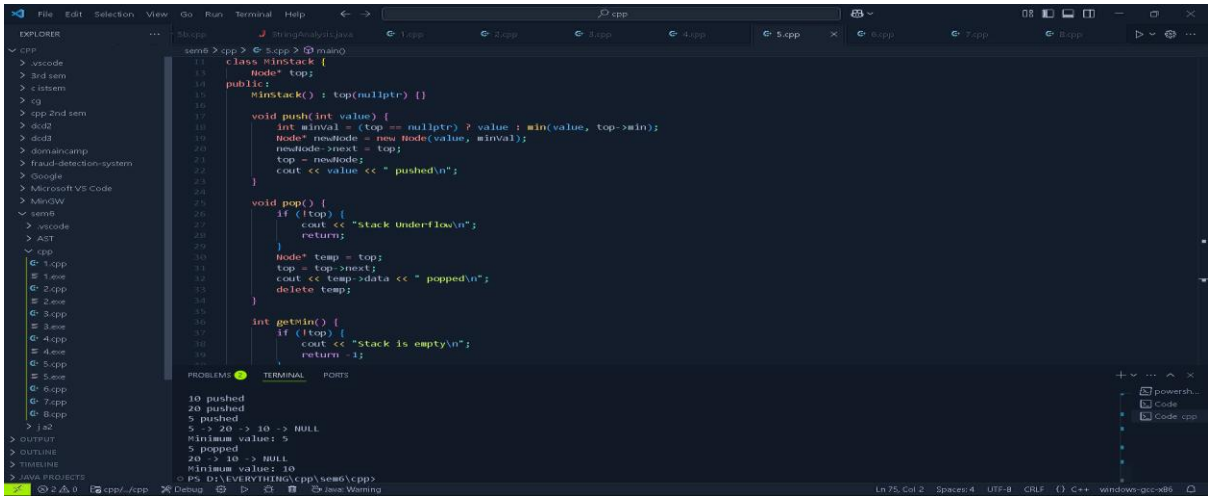
```
PS D:\EVERYTHING\cpp\sem6\cpp> cd "d:\EVERYTHING\cpp\sem6\cpp\" ; if ($?) { g++ 3.cpp -o 3 } ; if ($?) { .\3 }
10 inserted at front
20 inserted at rear
5 inserted at front
5 -> 10 -> 20 -> NULL
5 deleted from front
10 -> 20 -> NULL
20 deleted from rear
10 -> NULL
```

Circular Queue using Linked List

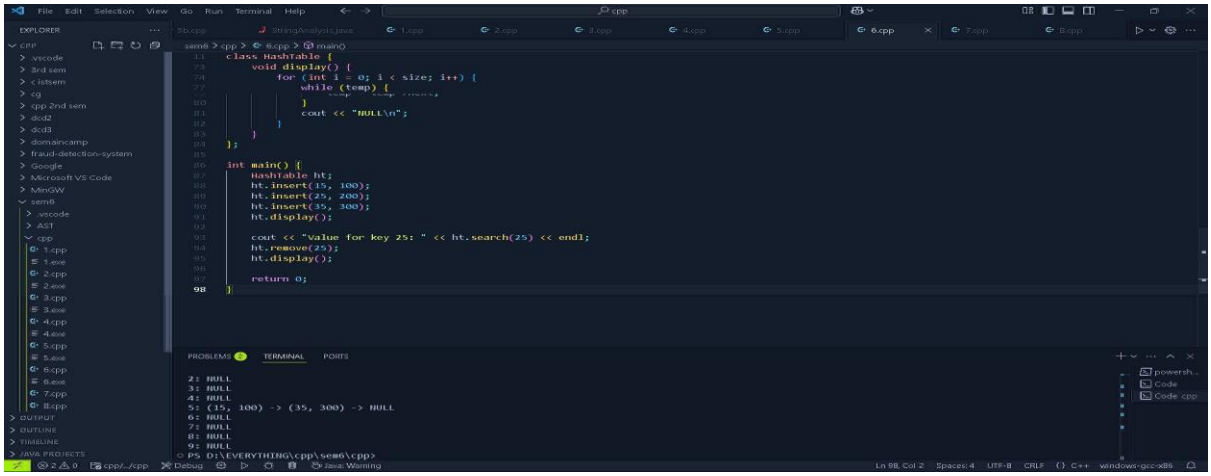


```
10 -> NULL
PS D:\EVERYTHING\cpp\sem6\cpp> cd "d:\EVERYTHING\cpp\sem6\cpp\" ; if ($?) { g++ 4.cpp -o 4 } ; if ($?) { .\4 }
10 enqueued
20 enqueued
30 enqueued
10 -> 20 -> 30 -> (Front)
10 dequeued
20 -> 30 -> (Front)
PS D:\EVERYTHING\cpp\sem6\cpp>
```

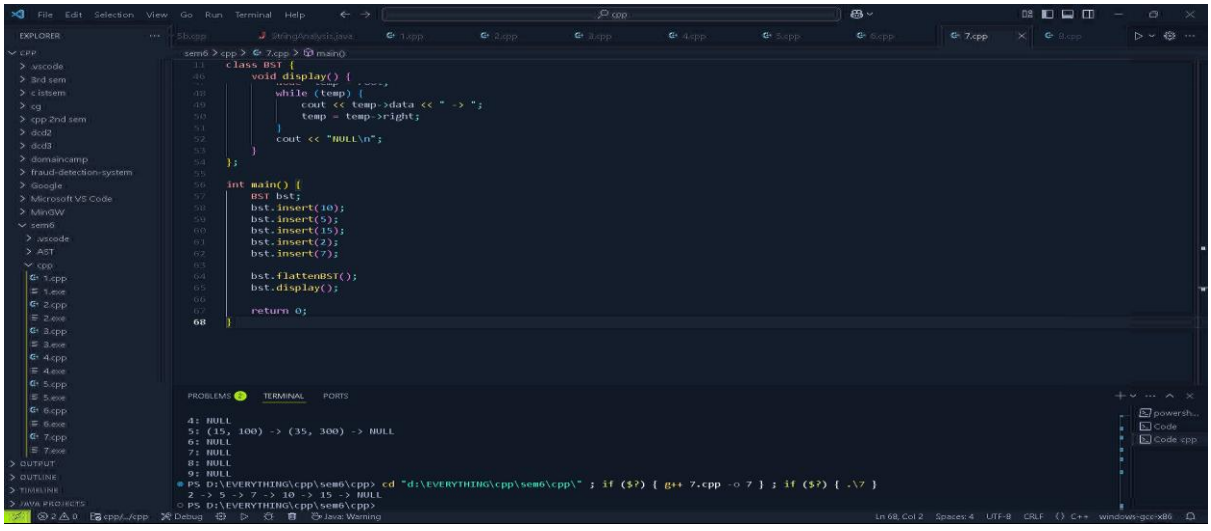
Min Stack using Linked List.



Hash Table using Linked List



BST using Linked List



Graph using Linked List