

자료구조 lab#7 보고서

2017038102
최용석

초기화한 이후 3가지 삽입연산을 골고루 이용한 list 추가

```
----- Doubly Linked List -----2017038102-----
Initialize = z      Print = p
Insert Node = i     Delete Node = d
Insert Last = n     Delete Last = e
Insert First = f    Delete First = t
Invert List = r     Quit = q

Command = z

----- Doubly Linked List -----2017038102-----
Initialize = z      Print = p
Insert Node = i     Delete Node = d
Insert Last = n     Delete Last = e
Insert First = f    Delete First = t
Invert List = r     Quit = q

Command = i
Your Key = 2

----- Doubly Linked List -----2017038102-----
Initialize = z      Print = p
Insert Node = i     Delete Node = d
Insert Last = n     Delete Last = e
Insert First = f    Delete First = t
Invert List = r     Quit = q

Command = n
Your Key = 6

----- Doubly Linked List -----2017038102-----
Initialize = z      Print = p
Insert Node = i     Delete Node = d
Insert Last = n     Delete Last = e
Insert First = f    Delete First = t
Invert List = r     Quit = q

Command = f
Your Key = 19
```

```
----- Doubly Linked List -----2017038102-----
Initialize = z      Print = p
Insert Node = i     Delete Node = d
Insert Last = n     Delete Last = e
Insert First = f    Delete First = t
Invert List = r     Quit = q

Command = i
Your Key = 3

----- Doubly Linked List -----2017038102-----
Initialize = z      Print = p
Insert Node = i     Delete Node = d
Insert Last = n     Delete Last = e
Insert First = f    Delete First = t
Invert List = r     Quit = q

Command = i
Your Key = 7

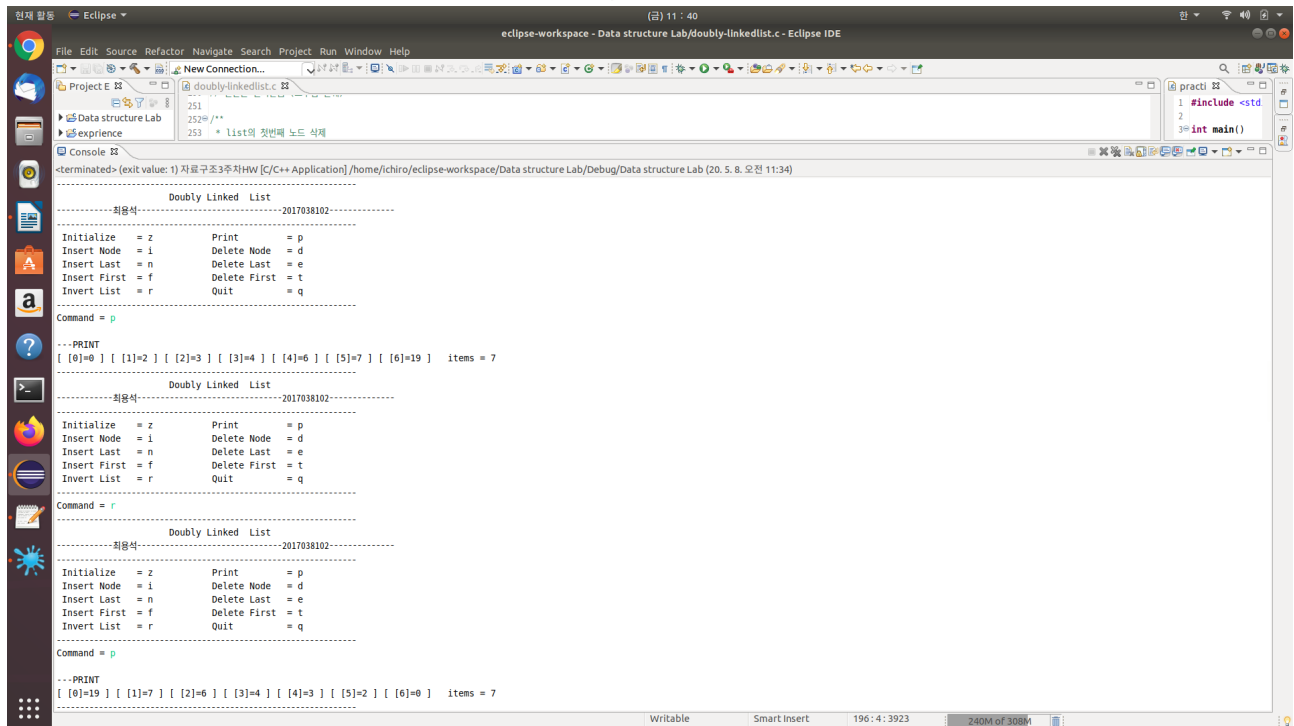
----- Doubly Linked List -----2017038102-----
Initialize = z      Print = p
Insert Node = i     Delete Node = d
Insert Last = n     Delete Last = e
Insert First = f    Delete First = t
Invert List = r     Quit = q

Command = f
Your Key = 8

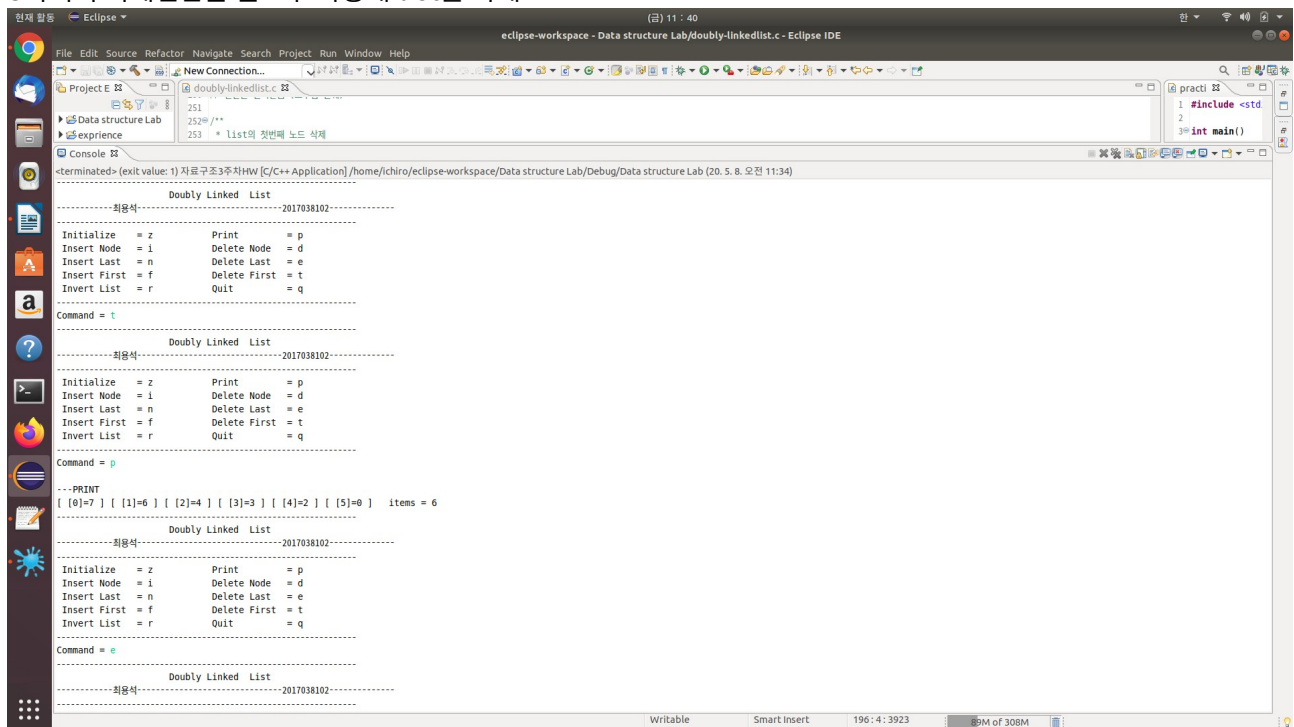
----- Doubly Linked List -----2017038102-----
Initialize = z      Print = p
Insert Node = i     Delete Node = d
Insert Last = n     Delete Last = e
Insert First = f    Delete First = t
Invert List = r     Quit = q

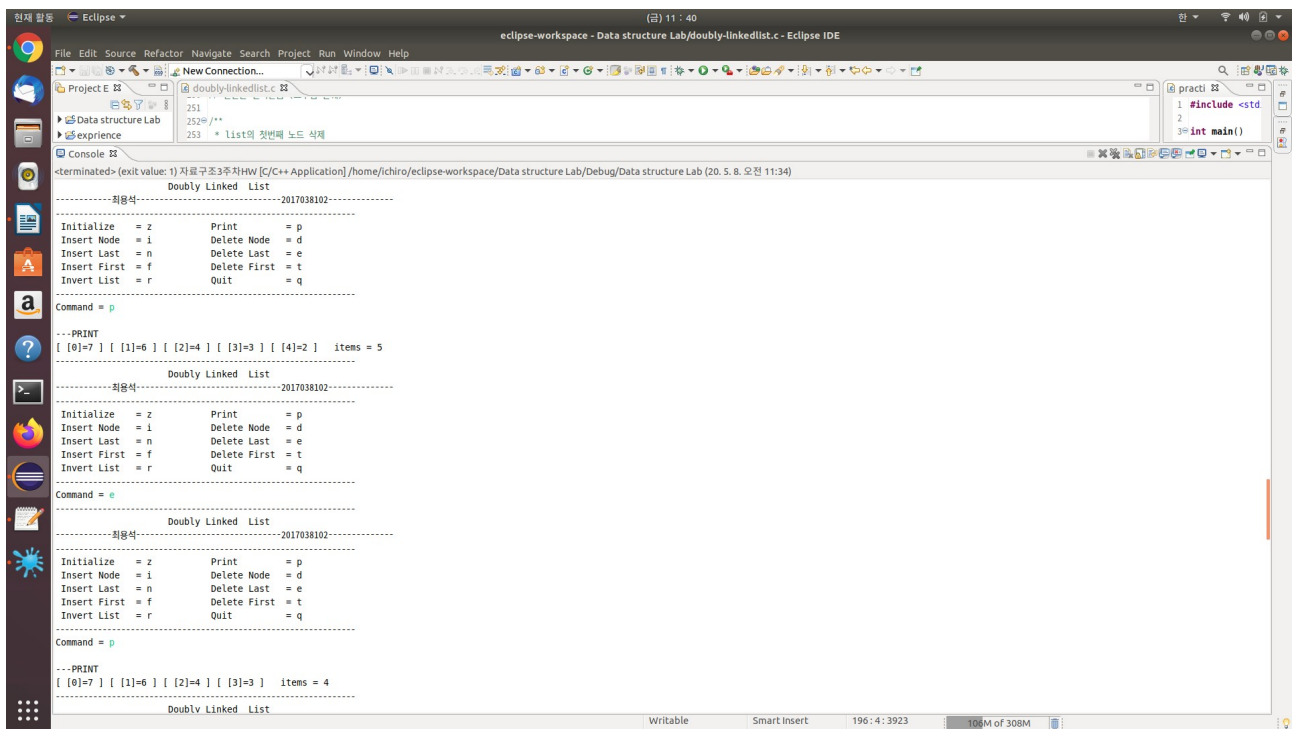
Command = n
Your Key = 19
```

현재까지 추가한 list 를 출력하고 거꾸로 순서 변경하여 출력

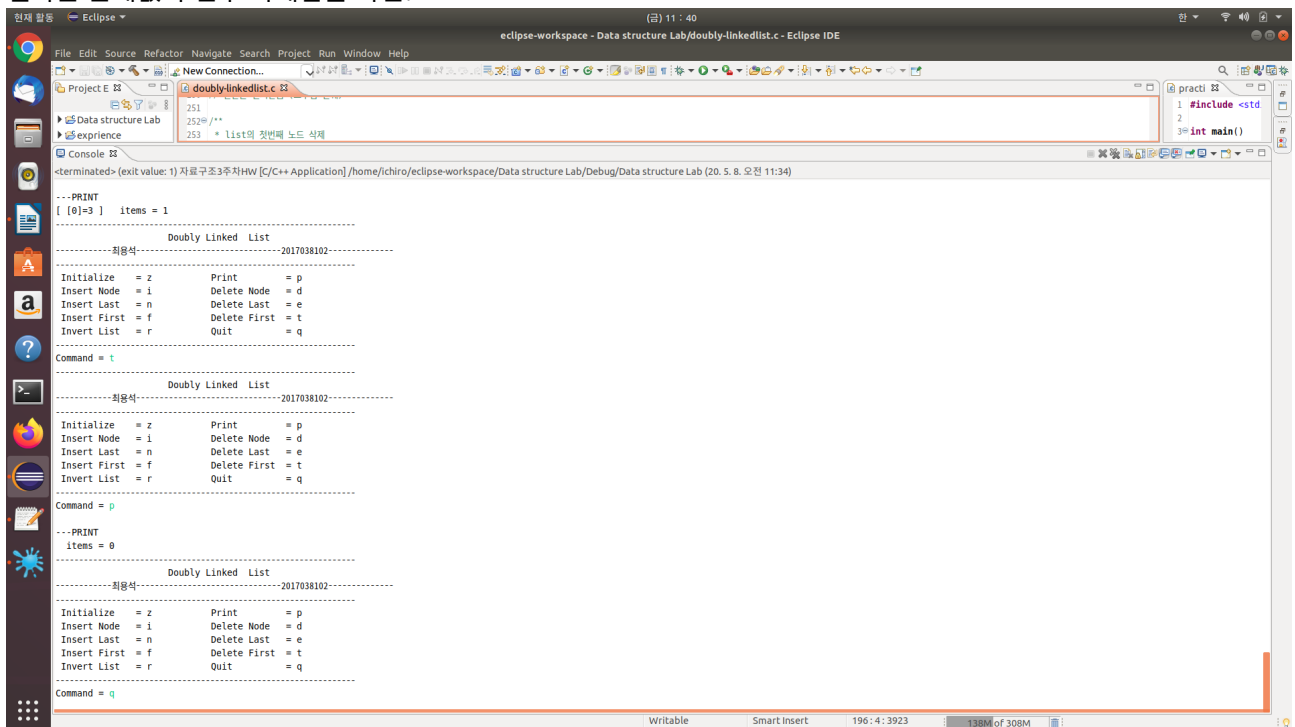


3가지의 삭제연산을 골고루 사용해 list를 삭제





별다른 문제없이 전부 삭제됨을 확인.



이번 과제를 통하여 양방향으로 연결하는 연결리스트에 대하여 알 수 있었고 조금 더 궁금한 부분도 생겼었던 과제였습니다

Github repository address : <https://github.com/dydtjr1515/Data-Structure-HW.git>