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Lab 4 writeup

Dr. Wang

Compilation and linking

```
root@DESKTOP-Q5H0GRD:/mnt/d/Documents/School/Year 3 semester 2/Cosc 220 computer science 2/labs/Lab_4# g++ -c linkMain.cpp
root@DESKTOP-Q5H0GRD:/mnt/d/Documents/School/Year 3 semester 2/Cosc 220 computer science 2/labs/Lab_4# g++ -o lab_4 linkMain.o linkfun.o
root@DESKTOP-Q5H0GRD:/mnt/d/Documents/School/Year 3 semester 2/Cosc 220 computer science 2/labs/Lab_4# ./lab_4
```

Menu

```
Choose one of the following (1-5)
1 -Insert Node
2-Delete node
3 -Print list of Nodes
4 -Search and Retrieve Node
5 -Exit
```

Insert

```
Enter a value to insert
3

Here are the options for manipulating the linked list
Choose one of the following (1-5)
1 -Insert Node
2 -Delete node
3 -Print list of Nodes
4 -Search and Retrieve Node
5 -Exit
1
Enter a value to insert
2
```

Print

```
List of Nodes:
3 18
Here are the options for manipulating the linked list
Choose one of the following (1-5)
1 -Insert Node
2 -Delete node
3 -Print list of Nodes
4 -Search and Retrieve Node
5 -Exit
```

Delete

```
Enter a value to delete
3
Here are the options for manipulating the linked list
```

4

```
Enter a value to search for
18
18
Here are the options for manipulating the linked list
```