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COSC 220

Dr. Wang

Lab 6

Compilation and linking (without implementation)

```
root@DESKTOP-Q5H0GRD:/mnt/d/Documents/School/Year 3 semester 2/Cosc 220
computer science 2/labs/Lab_6# g++ -c vectorDriver.cpp
root@DESKTOP-Q5H0GRD:/mnt/d/Documents/School/Year 3 semester 2/Cosc 220
computer science 2/labs/Lab_6# g++ vectorDriver.o -o lab_6
root@DESKTOP-Q5H0GRD:/mnt/d/Documents/School/Year 3 semester 2/Cosc 220
computer science 2/labs/Lab_6# ./lab_6
Testing removeDup
Original vector is  1 7 2 7 9 1 2 8 9
Vector with duplicates removed is  1 7 2 7 9 1 2 8 9

1 7 2 7 9 1 2 8 9
root@DESKTOP-Q5H0GRD:/mnt/d/Documents/School/Year 3 semester 2/Cosc 220
computer science 2/labs/Lab_6#
```

After Search function is written

```
root@DESKTOP-Q5H0GRD:/mnt/d/Documents/School/Year 3 semester 2/Cosc 220
computer science 2/labs/Lab_6# g++ -c vectorDriver.cpp
root@DESKTOP-Q5H0GRD:/mnt/d/Documents/School/Year 3 semester 2/Cosc 220
computer science 2/labs/Lab_6# g++ vectorDriver.o -o lab_6
root@DESKTOP-Q5H0GRD:/mnt/d/Documents/School/Year 3 semester 2/Cosc 220
computer science 2/labs/Lab_6# ./lab_6
Testing removeDup
Original vector is  1 7 2 7 9 1 2 8 9
Vector with duplicates removed is  1 7 2 7 9 1 2 8 9

1 7 2 7 9 1 2 8 9
root@DESKTOP-Q5H0GRD:/mnt/d/Documents/School/Year 3 semester 2/Cosc 220
computer science 2/labs/Lab_6#
```

After both are written (I encountered a segfault error)

```
root@DESKTOP-Q5H0GRD: /mnt/d/Documents/School/Year 3 semester 2/Cosc 220 computer science 2/labs/Lab_6
Testing removeDup
Original vector is  1 7 2 7 9 1 2 8 9
Segmentation fault (core dumped)
root@DESKTOP-Q5H0GRD:/mnt/d/Documents/School/Year 3 semester 2/Cosc 220
root@DESKTOP-Q5H0GRD:/mnt/d/Documents/School/Year 3 semester 2/Cosc 220
computer science 2/labs/Lab_6#
```

Fixed the function

```
root@DESKTOP-Q5H0GRD:/mnt/d/Documents/School/Year 3 semester 2/Cosc 220
computer science 2/labs/Lab_6# ./lab_6
Testing removeDup
Original vector is  1 7 2 7 9 1 2 8 9
Vector with duplicates removed is  8

8
root@DESKTOP-Q5H0GRD:/mnt/d/Documents/School/Year 3 semester 2/Cosc 220
root@DESKTOP-Q5H0GRD:/mnt/d/Documents/School/Year 3 semester 2/Cosc 220
computer science 2/labs/Lab_6#
```