Data Structure and Lab	**(Due: 26/03/19)**

Lab #2

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Course Policy: Read all the instructions below carefully before you start working on the problems, and before you make a submission.

Problem 1: Implement Linked List

Description: Implement linked list. Your code should implement functions for:

- Appending to the end of list — a

- Inserting to specific position — i value index

- Removing item by value — r value

- Removing item by index — d index

- Displaying items in list — p

- Printing length of list — l

Use 'x' to exit from program.

```
struct Node
  {
      int data;
      Node *next;
  } *head;
```

Example	
Input	Output
a 1	
a 2	
a 3	
a 4	
p	1 2 3 4
l	4
r 3	
r 8	Not found
p	1 2 4
i 10 1	
i 20 2	
i 30 3	
p	10 20 30 1 2 4
d 1	
d 1	
p	30 1 2 4
x	