Lab Assignment 2 : Linked List

Q1. Concatenate two given lists into one big list.

```
node *concatenate (node *head1, node *head2);
```

Q2. Insert an element in a linked list in sorted order. The function will be called for every element to be inserted.

```
void insert_sorted (node **head, node *element);
```

Q3. Always insert elements at one end, and delete elements from the other end (first-in first-out Queue)

```
void insert_q (node **head, node*element)

node *delete_q (node **head) /* Return the deleted node */
```

Q4. Implement a circular linked list, and write functions to insert, delete, and traverse nodes in the list.

Q5. Represent a polynomial as a linked list, where every node will represent a term of the polynomial (a xn), and will contain the values of 'n' and 'an'. Write a function to add two given polynomials.