

### **Explanation -**

#### **Rotation of linked list in groups of k**

Rotate a ll by k nodes to left = rotate a ll by n-k nodes to right

10->20->30->40->50->60    k=2

Right - 50->60->10->20->30->40

Left - 30->40->50->60->10->20

#### **Delete a given node when pointer to node is given (O(1) time)**

10->20->30->40->50->60

#### **Find intersection point of y linked list**

10 -> 20 -> 30 -> 40 -> 50 -> 60

5 -> 25 -> 40 -> 50 -> 60

Infix            a+b

Prefix          +ab

Postfix        ab+

(a+b)\*c - d\*e/f

Postfix = ab+c\*de\*f/-

Prefix = -\*+abc/\*def

ab+c\*de\*f/-

54+3\*21\*1/-

Stack - 25

#### **2 stacks in array**

#### **Next greater element in right**

1 4 2 6 7 4 5 6

2 6 6 7 -1 5 6 -1

a[i]<a[j]        i<j        and j should be min  
And A[j] should be min

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