

## CS515 CS Lab 2

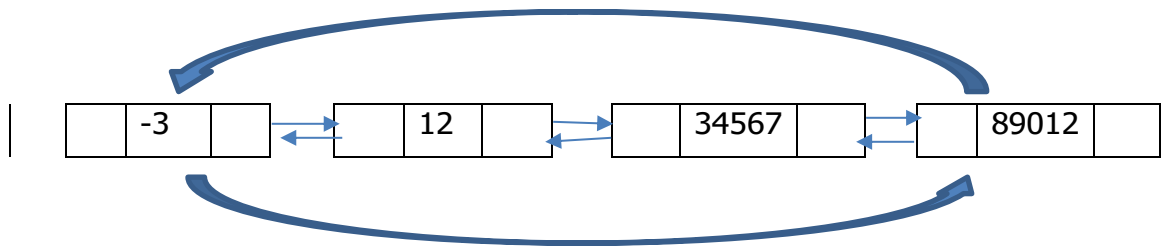
### Assignment No: 4

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Write a function to Represent a very large integer number using doubly-linked circular linked list (DCL). Each node of the (DCL) is represented as shown in the following figure. each data field of the node can accommodate atmost five digits

Link	data	rlink
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Ex.: The following circular linked list can be used to represent the large number -123456789012.



This example number 123456789012 has 12 digits, so three nodes are needed. The absolute value of the data field of the header node will contain the number of nodes needed to represent the given large number and sign of the header node be the sign of the number (here its negative).

(a) Write a program to add two big numbers and print the result.