QUIZ #8

The stack **S** given as:

```
stack<struct Node*> S;

struct Node {
    int data;
    Node* next;
};
```
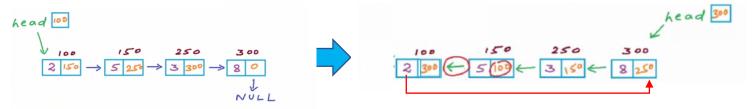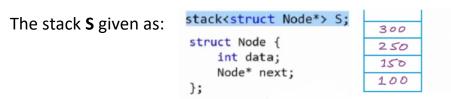
300
250
150
100

has the addresses of the linked list nodes that are shown in the top left figure.

By making use of the stack **S**,
fill in the blanks using one or more of these:

S.top()	S.pop()	NULL	temp	temp->next	head

in each blank to complete the code fragment below that **reverses the given linked list and makes it circular** as in the top right figure.

```
Node *temp = S.top();
S.pop();
head = temp;
while ( !S.empty() ) {
        temp->next = S.top();
        temp = temp->next
        S.pop();
}
temp->next = head;
```