



Buggy linked list

The code you see is a code for managing a linked list. This code has the following three functions:

1. find function: This function returns the node with the index index (starting from zero).
2. insert function: This function adds data with data and after index.
3. Delete function: This function deletes the node with the index index from the linked list.

This code has some bugs!!! Please analyze the code, report its bugs in detail and send the corrected code.

For this question, prepare the bug report in the form of a PDF file and the modified code in the form of a c or cpp file. Then compress both of them and upload them in the system.

The important thing is that you only need to edit the existing code. Please strictly avoid rewriting functions from scratch.

```
#include <stdio.h>
#include <stdlib.h>
#include <string.h>
struct Node {
    char *data;
    Node *next;
```



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```

    node->next,
};

Node* find(Node* head, int index){
    Node *temp = head;

    for(int i = 0; i < index; i++){
        temp = temp->next;
    }
    return temp;
}

void Insert(Node* head, int index, char* data){
    Node *temp = find(head, index);
    Node *t = (Node*)malloc(sizeof(Node*));
    strcpy(t->data, data);
    t->next = temp->next;
    temp->next = t;
    return;
}

void delete(Node* head, int index){
    Node *temp = find(head, index-1);
    Node *t = temp->next;
    temp->next = temp->next->next;
    free(t);
    return;
}

int main(){
    return 0;
}

```

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