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single_list.cpp

```
#include <stdio.h>
#include <stdlib.h>
//
struct Node
    int value;
   Node *next;
Node *head;
void InitList()
    head=(Node *)malloc(sizeof(Node));
    head->next=NULL;
// Target
Node *InsertNode(Node *Target,Node *aNode)
    Node *New;
    New=(Node *)malloc(sizeof(Node));
    *New=*aNode;
    New->next=Target->next;
    Target->next=New;
    return New;
// Target
bool DeleteNode(Node *Target)
    Node *Del;
```

```
Del=Target->next;
    if (Del==NULL) {
        return false;
    Target->next=Del->next;
    free(Del);
    return true;
void UnInitList()
    while (DeleteNode(head)) {;}
    free(head);
    head=NULL;
void main()
    int i;
    Node *Now, Temp;
    InitList();
    Now=head;
    for (i=1;i<=5;i++) {</pre>
        Temp.value=i;
        Now=InsertNode(Now,&Temp);
    }
    DeleteNode(head->next);
    for (Now=head->next;Now;Now=Now->next) {
        printf("%d\t",Now->value);
    printf("\n");
    UnInitList();
```

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