

```
#include<iostream>

using namespace std;

struct list_e {
    int num;
    struct list_e *next;
};

void append(struct list_e **start, int n) {
    struct list_e *e = new struct list_e;
    e->num = n;
    e->next = NULL;
    if (*start == NULL) {
        *start = e;
    } else {
        struct list_e *p = NULL;
        for(p = *start; p->next != NULL; p = p->next){}
        p->next = e;
    }
}

int main(void) {
    struct list_e *start = NULL;
    append(&start, 1);
    append(&start, 5);
    append(&start, -2);
    append(&start, 15);
    for(struct list_e *e = start; e != NULL; e = e->next) {
        cout << e->num << endl;
    }
    return 0;
}
```