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//  链表一元多项式及其结点的类定义
//  Author: Melissa M. CAO
//  Belong: Section of software theory, School of Computer Engineering & Science,
Shanghai University
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#pragma once

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struct term {
    double coef;
    int exp;
    void init(double c, int e) { coef = c; exp = e; }
};

```

```

class polynomial
{
    friend polynomial & operator + (polynomial &, polynomial &);
    friend polynomial & operator - (polynomial &, polynomial &);
    friend polynomial & operator * (polynomial &, polynomial &);

public:
    LinkedList<term> poly;
    polynomial(); //构造函数
    polynomial(int n); //构造函数, 构造空链表
    double calculation(double x); //求值函数
    void change(); //链表一元多项式每一项系数取反操作
    void MultipleOneTerm(node<term> *q);
    void Copy(polynomial &copy, int tt);
    //求导函数
};

```