Second Excercise

Hi,

Everyone!

Now I'm giving an important assignment, which will play an important role in your regular score. You must hand in your source code before 31st October to this email-box: zuolinchen@126.com

Assignment:

Write a program that produces the result of multiplication of two polynomials, based on the source code for addtition.

The function main() should be like this:

int main()

{

Polynomial ah,bh,ch;

ah.inputPoly(); //input polynomial a

ah.outputPoly();

bh.inputPoly(); //input polynomial b

bh.outputPoly();

ch = ah\*bh;

ch.outputPoly(); //output the result

return 0;

}

You can consult the source code for addtion of two polynomials in the courseware, or you can develope it yourself. Pay attention to the following demands:

(1)Both sequential storage and linked storage approach can be adopted.

(2)Minus exponent is allowed.

(3)The result must be stored in a newly-created polynomial.