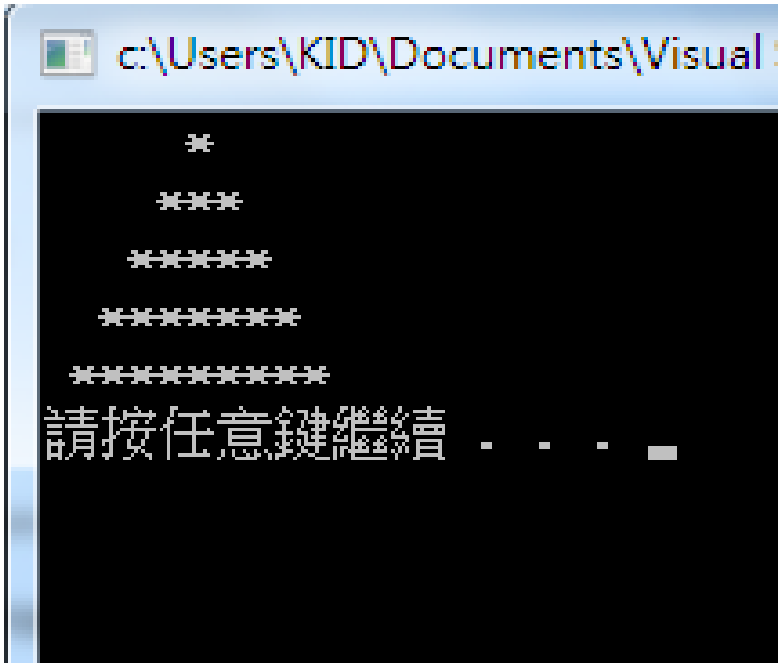
Little stars

- Using the sign * to become triangle.



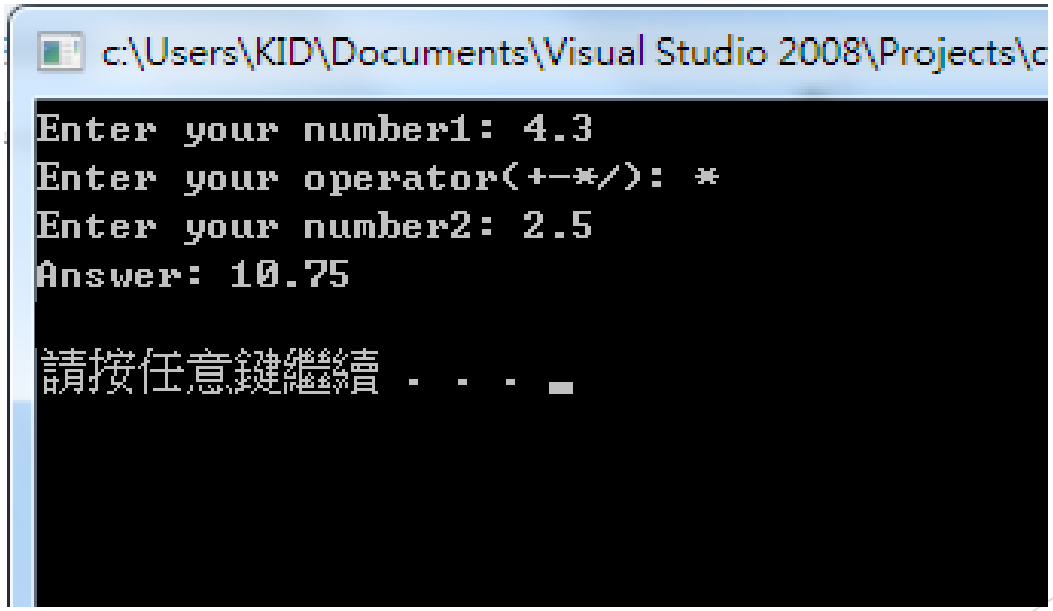
Little Stars

```
#include<iostream>

using namespace std;
int main()
{
cout <<"    *"<<endl;
cout <<"   ***"<<endl;
cout <<"  *****"<<endl;
cout <<" *******"<<endl;
cout <<"*********"<<endl;
system("PAUSE");
}
```

Calculating Machine

- Design a calculating machine.
- Including two operands(運算元) and one operator(運算子).
- Operator contains four types (+-*/).
- Deal with decimal point.



```
Enter your number1: 4.3
Enter your operator(+-*/): *
Enter your number2: 2.5
Answer: 10.75

請按任意鍵繼續 . . .
```

```cpp
#include <iostream>
using namespace std;

int main()
{
    double input1;
    double input2;
    char opt;
    cout <<"Enter your number1: ";
     //加入一行，讓使用者輸入數字1存入變數input1
    cout <<"Enter your operator(+-*/): ";
     //加入一行，讓使用者輸入運算子存入opt
    cout <<"Enter your number2: ";
     //加入一行，讓使用者輸入數字2存入變數input2

     if (opt=='+')
         cout << "Answer: "<< input1+input2<< endl;
     else if() //加入條件
         cout <<"Answer: "<< input1-input2<< endl;
     else if() //加入條件
         cout <<"Answer: "<< input1*input2<< endl;
     else if() //加入2條件(需注意input2不可為0)
         cout <<"Answer: "<< input1/input2<< endl;
     else
         cout << "Error"<< endl;

    system("PAUSE");
}
```