

Assignment 1

Due 7/16

Problem 1(programming-based):

Creat an output like follows(It might be very boring with only cout statement and there'll be an efficient way to do this after we have learnt loop statement.)

```

      *           *
    *           *
  *       *
    *
  *       *
*           *
      *           *
```

Problem 2 (Paper-based)

Write down the value of a in each steps of following expression.

eg: `int a =0;` value of a : 0

`a=a+1;` 1

(1) `int a = 3/2;`

(2) `int a = 4%3;`

`int b =5;`

`a=b;`

(3) `int b = 4;`

`double a=b;//be careful about written style(decimal)`

(4) `double b=2.3;`

`int a =b+2;`

(5) `int a = 5;`

a+=4;
a-=0;
a*=2;
a/=3;
a%=6;
a++;
a--;
a=a+2.0;

Problem 3(programming)

(1) Write a program let user type 3 number, and the output is small to big order divided by comma. Example:

Input: 3 6 2

output:2,3,6

input: 3 5 3

output: 3,3,5

(2) Write a program to convert a word to a number (just finish 0,1,2), if the input is wrong, print out: not a number I know.

eg:

input: zero

output: the number is 0

input: abc

output: not a number I know