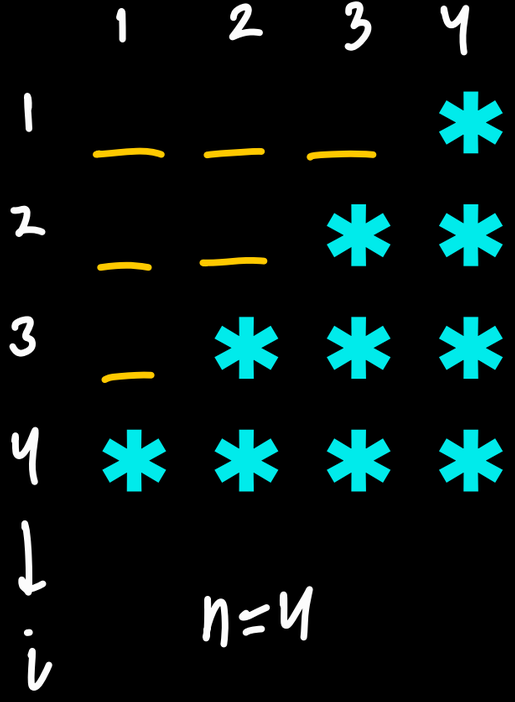
Ques: Print the given pattern



Method - 1

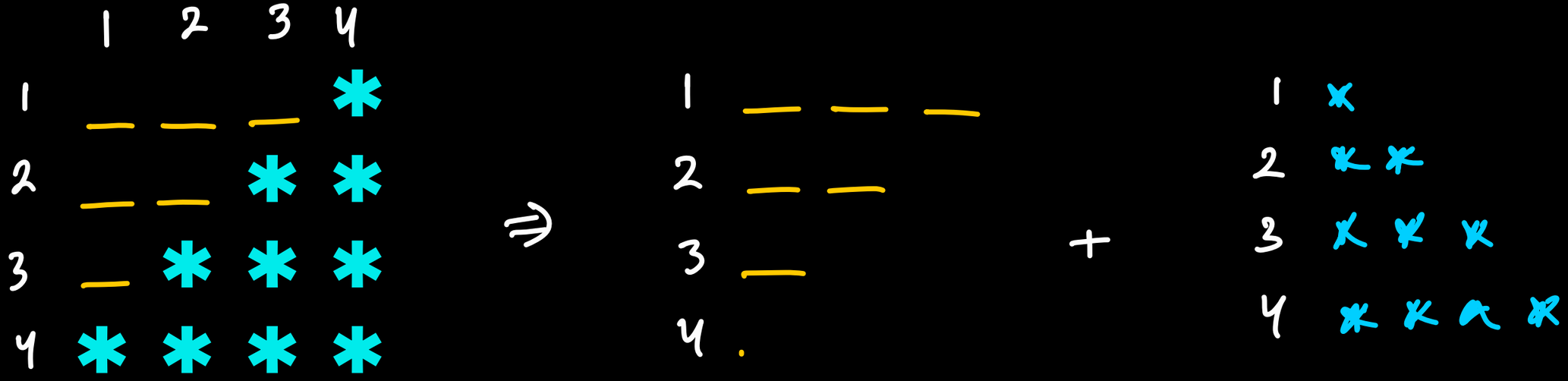
Consider this a square

```
if( i+j > n ) sout(*)
else sout(" ");
```

Star Triangle Vertically Flipped

Method-2 : 2K loop ke andar 2 loops

Ques: Print the given pattern

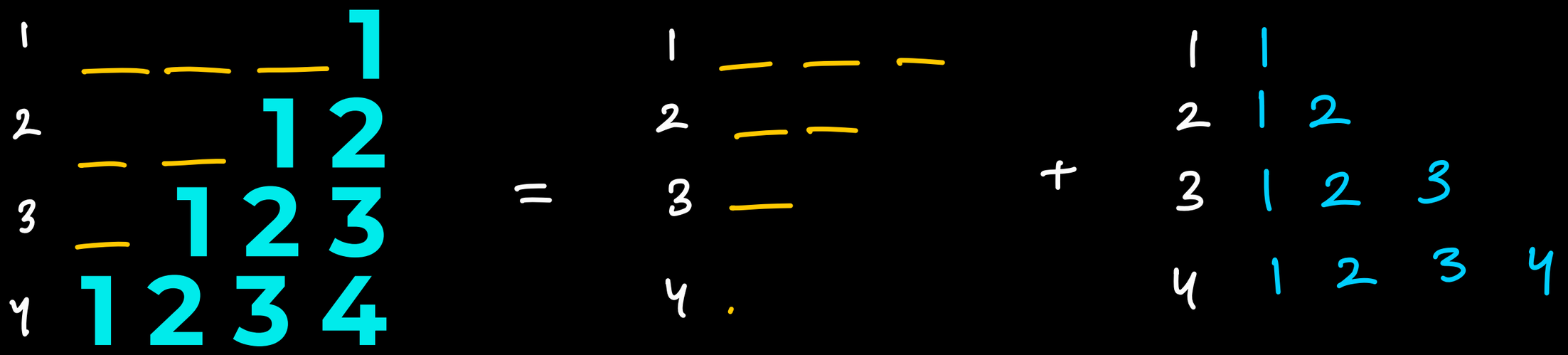


har line me kucch spaces print ho rahe hai & kucch stars print ho rahe hai.

↳ har line me 2 loops chal rahe hai

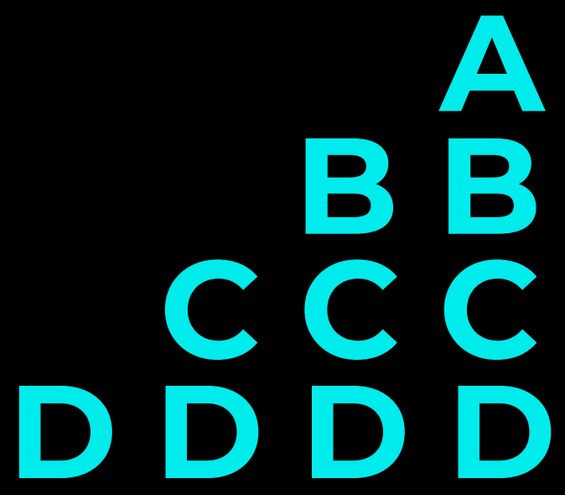
Star Triangle Vertically Flipped

Ques: Print the given pattern



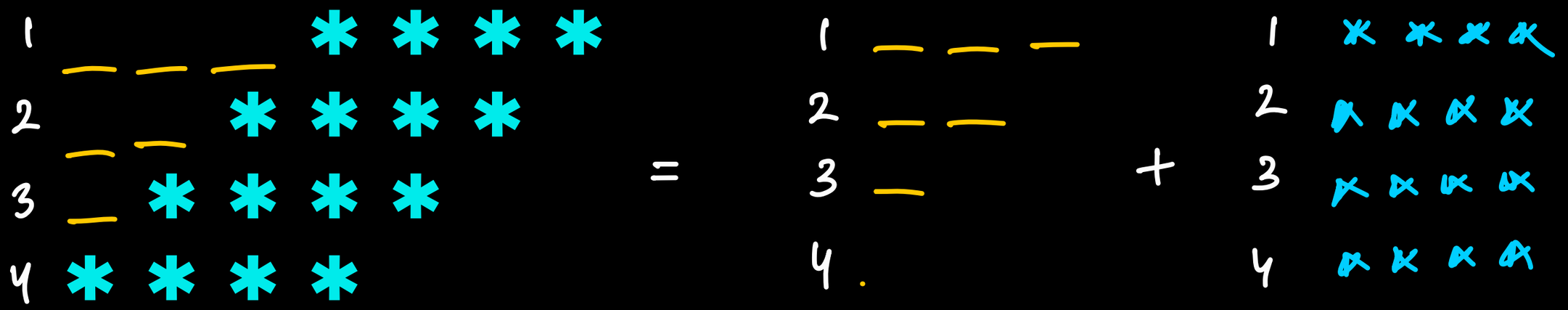
Number Triangle Vertically Flipped

HW: Print the given pattern



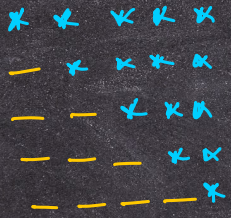
Alphabet Triangle Vertically Flipped

Ques: Print the given pattern



Rhombus

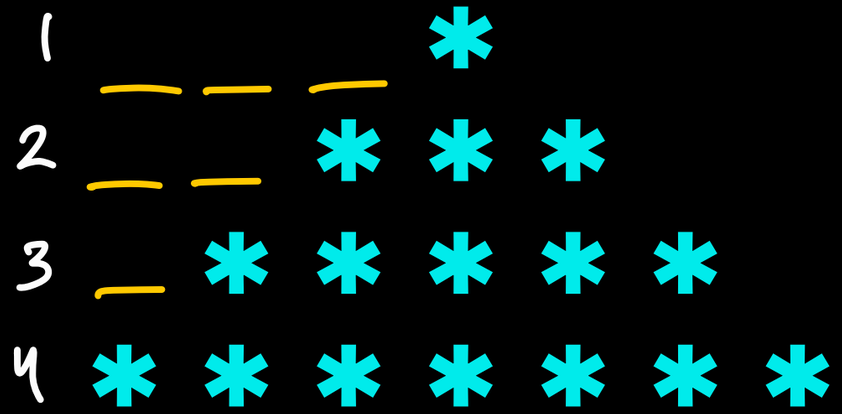
Homework

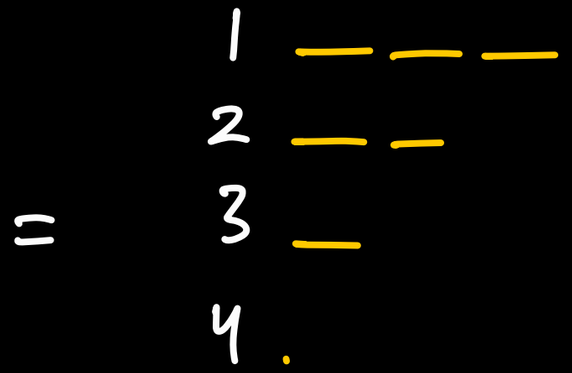


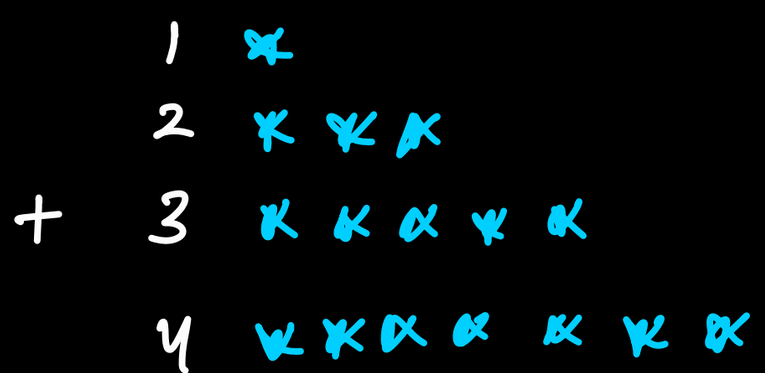
n=5

Method-1

Ques: Print the given pattern





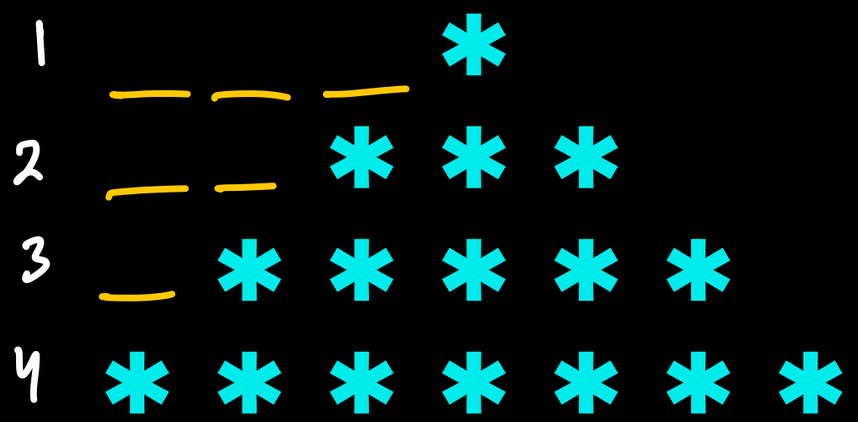


n = 4

Pyramid

Method-2

Ques: Print the given pattern

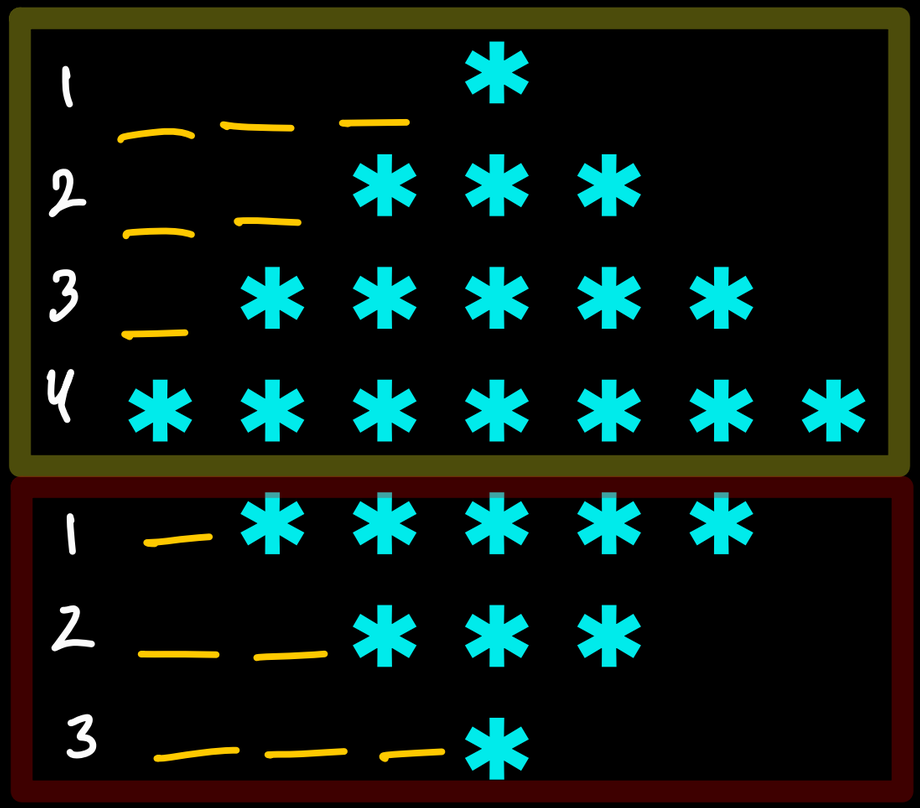



```
nsp = n-1
nst = 1
```

```
nsp -= 1
nst += 2
```

Pyramid

Ques: Print the given pattern



$n = 4$

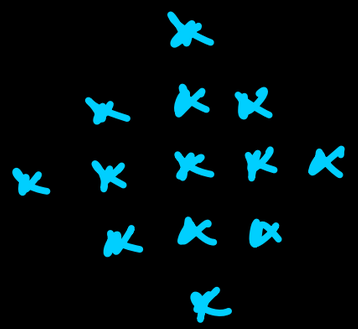
→ $nsp = n-1$ | $nsp--$
$nst = 1$ | $nst += 2$

→ $nsp = 1$ | $nsp++$
$nst = 2n-3$ | $nst -= 2$

$n = 1$

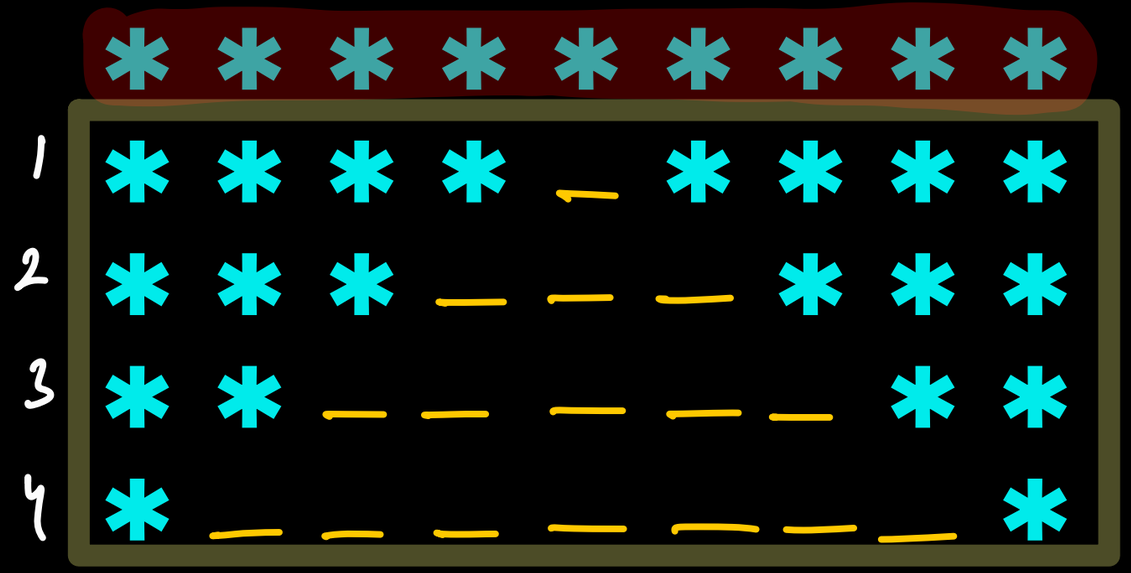
$n = 2$

$n = 3$

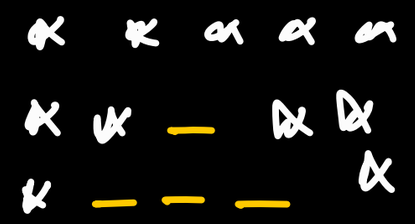


Diamond

Ques: Print the given pattern



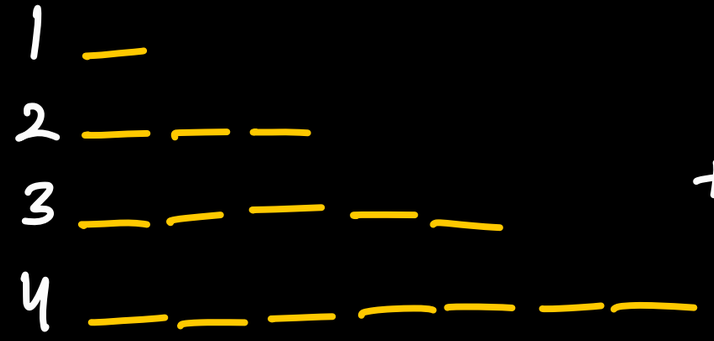
n = 3



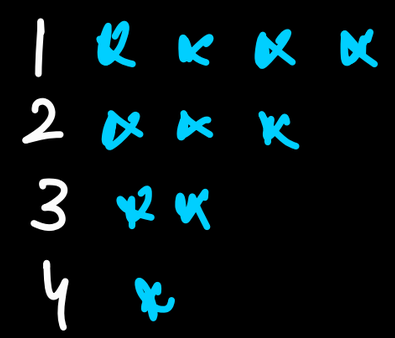
n = 5

=

+



+



Bridge

Number Spiral

n=1

1

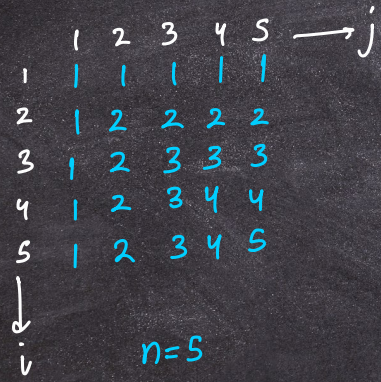
n=2

1 1 1
1 2 1
1 1 1

n=3

1 1 1 1 1
1 2 2 2 1
1 2 3 2 1
1 2 2 2 1
1 1 1 1 1

Concept of fake values.




```
for(i=1 to n)
{
    for(j=1 to n)
    {
        cout(min(i,j));
    }
    cout()
}
```

THANKYOU

Cuties