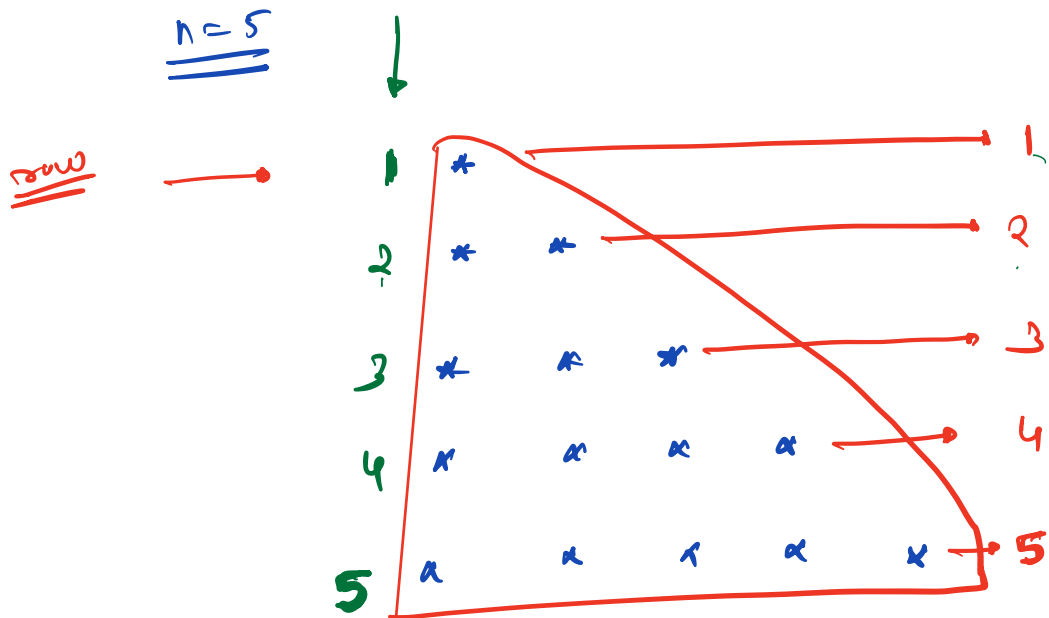


"Hello Everyone!"

Pattern Printing



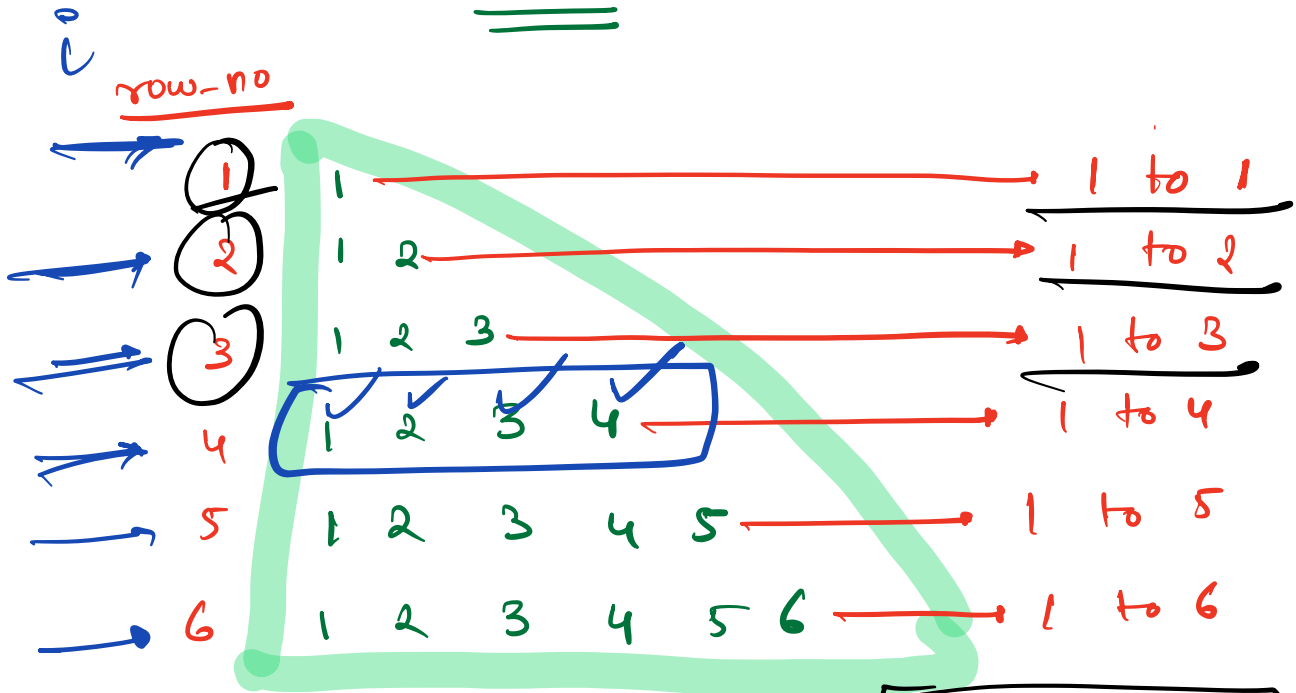
i<sup>th</sup> row → i stars

i stars

```
for j in range(i)
    print('*', end='')
```

j → [0 to i-1]

n = 6



i<sup>th</sup> row

print  
1 to i

i = 5

\*

for j in range(1, i+1)

1 2 3 4 5. i

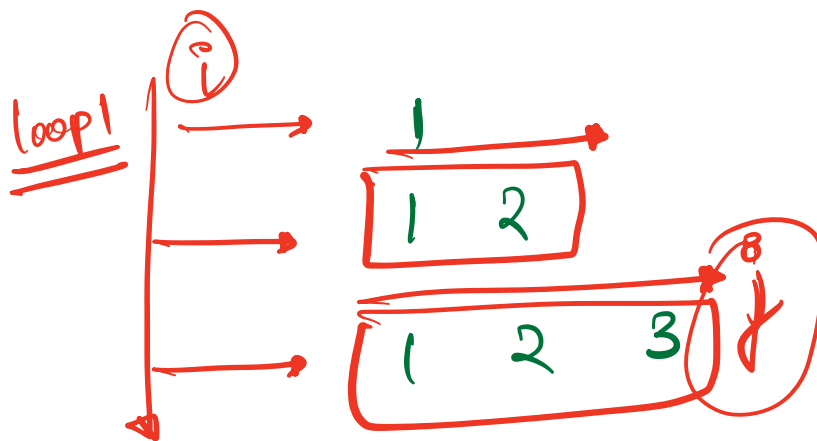
Imp  $\rightarrow$  be very careful  
with the end of  
range

(n)

for i in range(1, n+1)  
\* print i<sup>th</sup> row

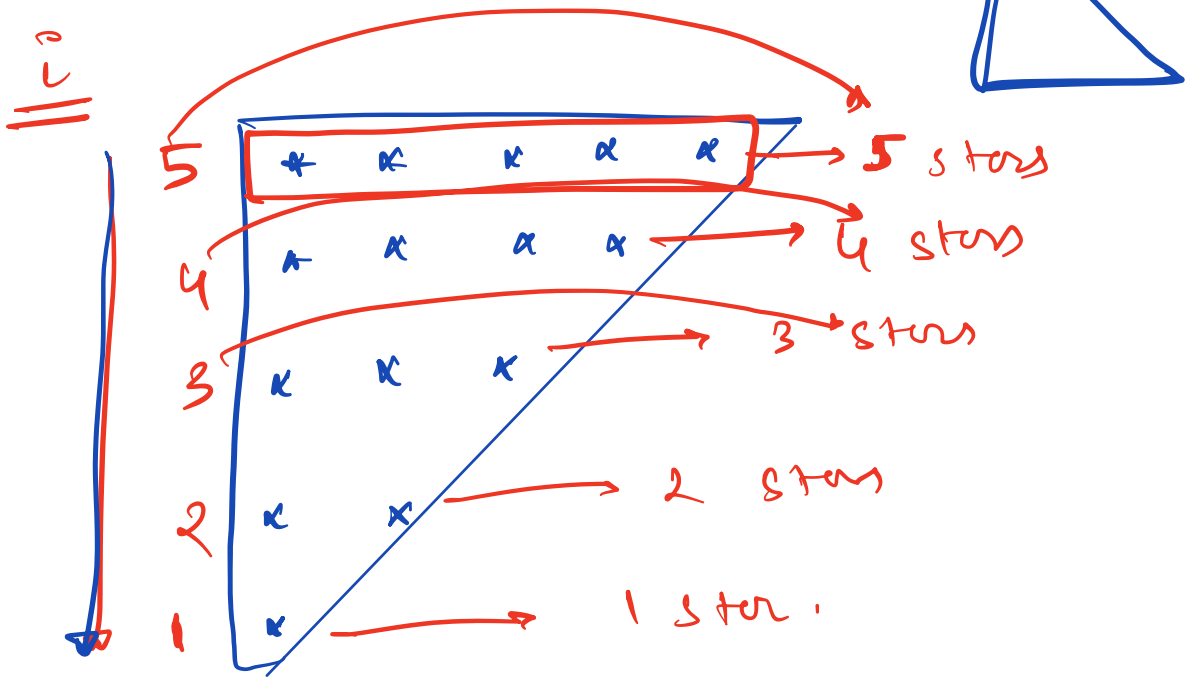
for j in range(1, i+1)  
print(j, end=" ")

print("\n")  $\rightarrow$  next line/  
row

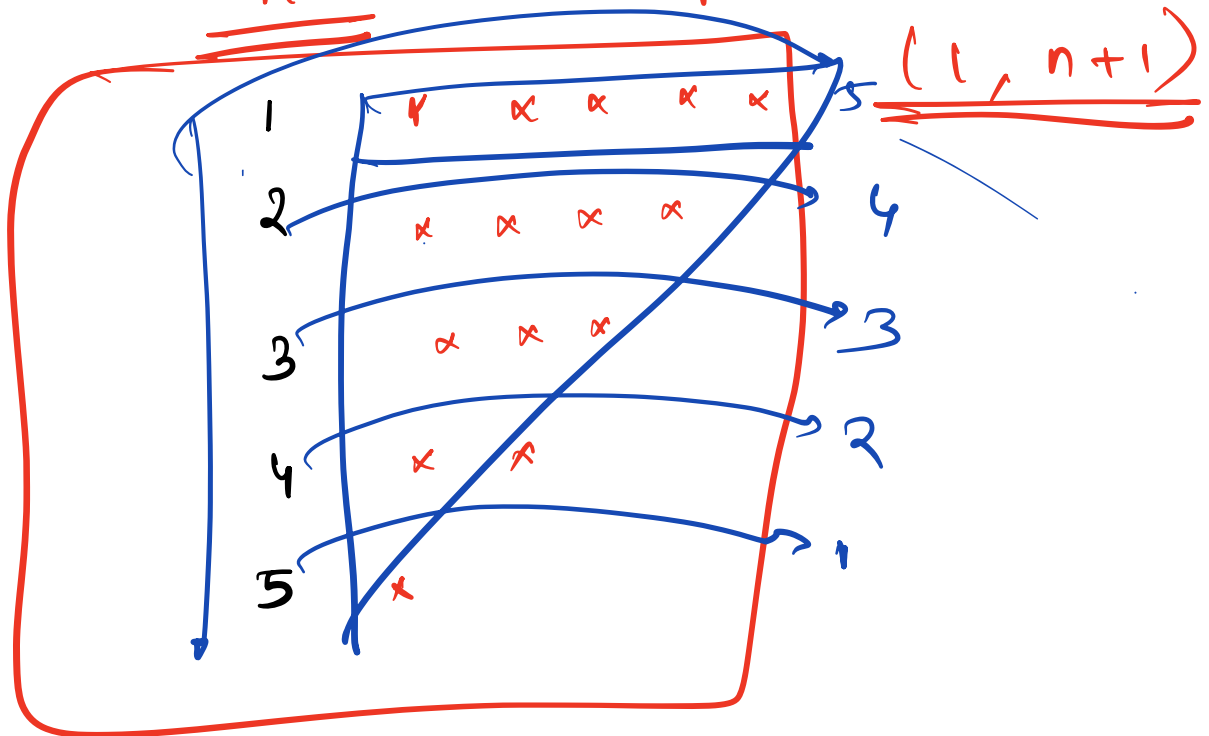


10:13 sharp

$n = 5$

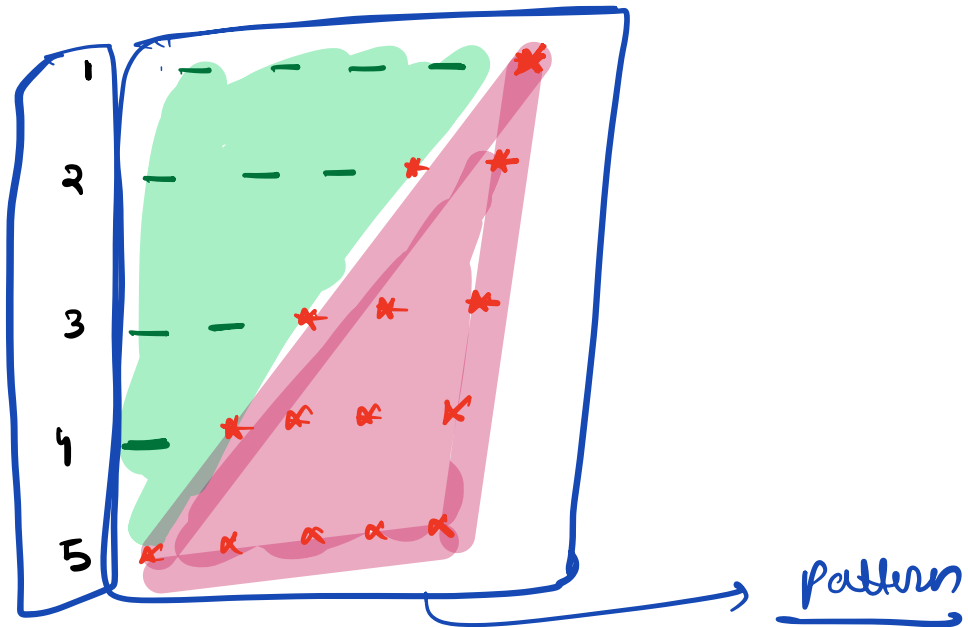


H.W  $\longrightarrow$  for  $i$  in range



hint :- throw  $\longrightarrow$  ( # stubs )  
90%

$$\underline{\underline{n = 5}}$$



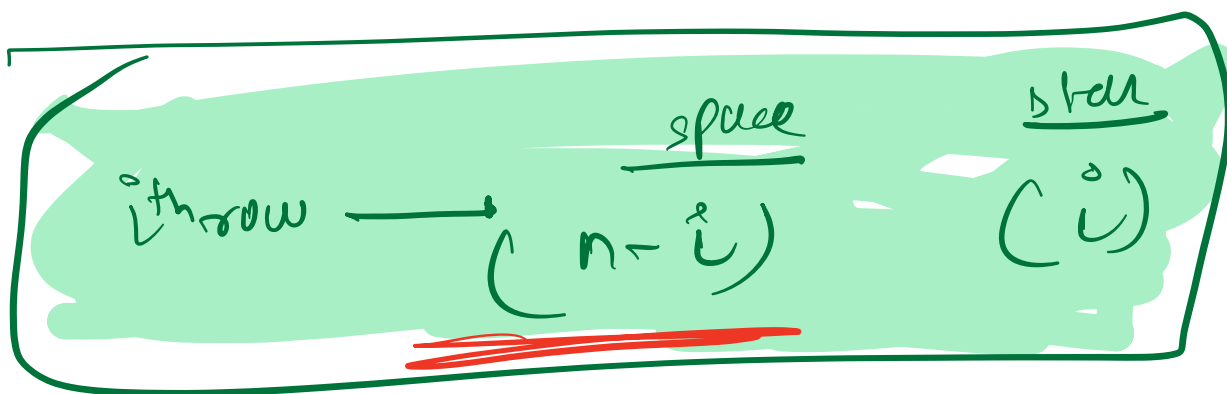
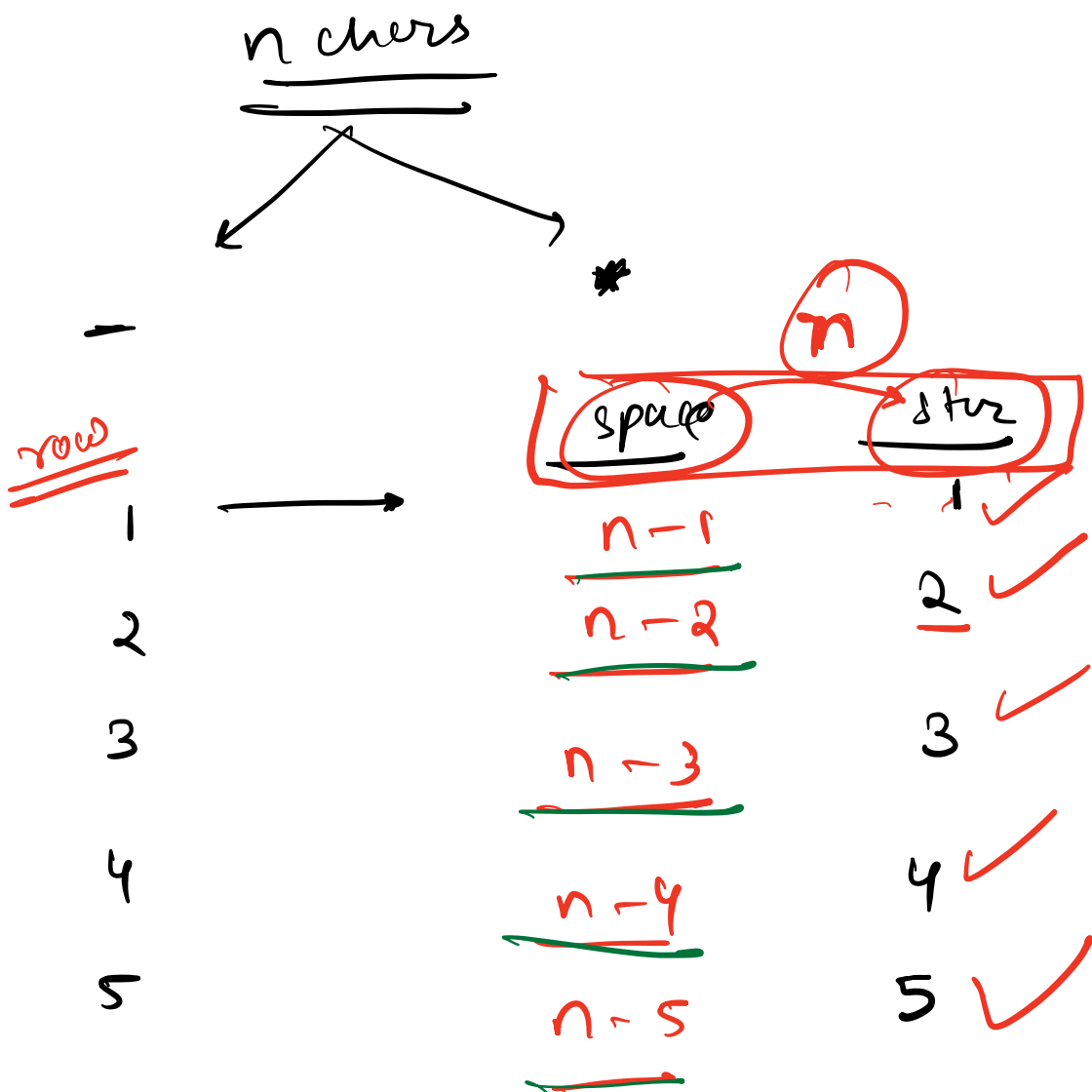
1st row  $\longrightarrow$  5

2nd row  $\longrightarrow$  5

3rd row  $\longrightarrow$  5

$i^{\text{th}}$  row  $\longrightarrow$   $n$  char





$i$

$n$

$(n - i)$  spaces

n.w : Level of concept  
that can be  
solved using  
nested loops.

Table

n=5

cols ↘

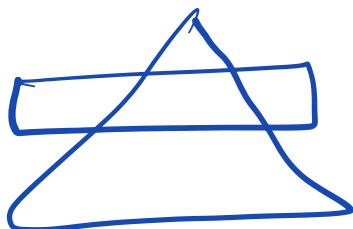
rows →

5	5	5	5	5
5	4	4	4	5
5	4	3	4	5
5	4	4	4	5
5	5	5	5	5

H.W → think about solving this.

↳ After done with 2D lists

hint



$i$ th row  $\longleftrightarrow$