

	1	2	3	4
1	1			
2	1	2		
3	1	2	3	
4	1	2	3	4

(1) 1
 (2) 1 2
 1 2 3 4 5
 1 2 3 4 5
 1 2 3 4 5

int i=1; (for row)

while (i ≤ n)

{ int j=1; (for column)

while (j ≤ i) {

cout << j << " ";

j++;

cout << endl;

i++;

	1	2	3	4
1	1			
2	2	3		
3	4	5	6	
4	7	8	9	10

```

int i=1;
int c=1; // using for printing data
while (i ≤ n)
{
    int j=1;
    while (j ≤ i) {
        cout << c << " ";
        c++;
        j++;
    }
    cout << endl;
    i++;
}

```

	1	2	3	4
1	-	-	-	1
2	-	-	2	3
3		4	5	6
4	7	8	9	10

space
3
2
1
0

```
int i=1, val=1;
int val=1;
while (i ≤ n) {
```

(n-1)

```
    int space = 1;
```

```
    while (space ≤ n-i)
```

```
        cout << " "; space++;
```

for space

```
    int j=i;
```

```
    while (j ≤ i)
```

```
        cout << val;
```

```
        val++; j++;
```

```
    cout << endl;
```

```
    i++;
```

for printing
numbers.

Power

2 5
(2) (5)

2 * 2 * 2 * 2 * 2

```
int p = 1;
while (b != 0)
{
    p *= a; b--;
}
cout << p << endl
```