# Combinations with Repetitions

By given **N** and **K**, print all K-combinations of N elements with repetitions.

### Input

- Read from the standard input
- From the first lint, read **N** and **K**, separated by a single space

### **Output**

- Print on the standard output
- Print all the K-combinations of the numbers between 1 and N
  - Sorted alphabetically as numbers (i.e. 2 is before 11)

### **Sample tests**

#### Input

3 2

#### **Output**

1 1

1 2

1 3

2 2

233

Input

4 3

#### **Output**

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

## Input

4 4

# Output

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