

Pattern 1

Easy 🔒

1. You are given a number n.
2. You've to create a pattern of * and separated by tab as shown in output format.

Constraints

$1 \leq n \leq 100$

Format

Input

A number n

Output

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

Example

Sample Input

2

Sample Output

```
*
* *
```

Pattern 2

Easy 🔒

1. You are given a number n.
2. You've to create a pattern of * and separated by tab as shown in output format.

Constraints

$1 \leq n \leq 100$

Format

Input

A number n

Output

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

Example

Sample Input

5

Sample Output

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

Pattern 3

Easy

1. You are given a number n. 2. You've to create a pattern of * and separated by tab as shown in output format.

Constraints

$1 \leq n \leq 10$

Format

Input

A number n

Output

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

Example

Sample Input

5

Sample Output

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

Pattern 4

Easy

1. You are given a number n. 2. You've to create a pattern of * and separated by tab as shown in output format.

Constraints

$1 \leq n \leq 100$

Format

Input

A number n

Output

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

Example

Sample Input

5

Sample Output

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

Pattern 5

Easy 

1. You are given a number n .
2. You've to create a pattern of * and separated by tab as shown in output format.

Constraints

$1 \leq n \leq 100$
Also, n is odd.

Format

Input

A number n

Output

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

Example

Sample Input

5

Sample Output

```

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

Pattern 6

Easy 🔒

1. You are given a number n.
2. You've to create a pattern of * and separated by tab as shown in output format.

Constraints

$1 \leq n \leq 100$
Also, n is odd.

Format

Input

A number n

Output

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

Example

Sample Input

5

Sample Output

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

Pattern 7

Easy

1. You are given a number n.
2. You've to create a pattern of * and separated by tab as shown in output format.

Constraints

$1 \leq n \leq 100$

Format

Input

A number n

Output

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

Example

Sample Input

5

Sample Output

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

Pattern 8

Easy

1. You are given a number n.
2. You've to create a pattern of * and separated by tab as shown in output format.

Constraints

$1 \leq n \leq 100$

Format

Input

A number n

Output

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

Example

Sample Input

5

Sample Output

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

Pattern 10

Easy

1. You are given a number n.
2. You've to create a pattern of * and separated by tab as shown in output format.

Constraints

$1 \leq n \leq 100$
Also, n is odd.

Format

Input

A number n

Output

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

Example

Sample Input

5

Sample Output

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

Pattern 11

Easy

1. You are given a number n.
2. You've to create a pattern as shown in output format.

Constraints

$1 \leq n \leq 44$

Format

Input

A number n

Output

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

Example

Sample Input

5

Sample Output

```
1
2 3
4 5 6
7 8 9 10
11 12 13 14 15
```

Pattern 12

Easy 

1. You are given a number n.
2. You've to create a pattern as shown in output format.

Constraints

$1 \leq n \leq 5$

Format

Input

A number n

Output

```
0
1    1
2    3    5
8    13   21  34
..
```

Example

Sample Input

5

Sample Output

```
0
1    1
2    3    5
8    13   21  34
55   89   144  233  377
```

Pattern 13Easy 

1. You are given a number n.
2. You've to create a pattern as shown in output format

Constraints $1 \leq n \leq 10$ **Format****Input**

A number n

Output

```
1
1 1
1 2 1
1 3 3 1
1 4 6 4 1
1 5 10 10 5 1
..
```

Example**Sample Input**

5

Sample Output

```
1
1 1
1 2 1
1 3 3 1
1 4 6 4 1
```


Pattern 14

Easy 

1. You are given a number n. 2. You've to write code to print it's multiplication table up to 10 in format given below.

Constraints

$1 \leq n \leq 10$

Format

Input

A number x

Output

```
x * 1 = x
x * 2 = 2x
..
x * 10 = 10x
```

Example

Sample Input

3

Sample Output

```
3 * 1 = 3
3 * 2 = 6
3 * 3 = 9
3 * 4 = 12
3 * 5 = 15
3 * 6 = 18
3 * 7 = 21
3 * 8 = 24
3 * 9 = 27
3 * 10 = 30
```

Pattern 15

Easy 

1. You are given a number n.
2. You've to write code to print the pattern given in output format below.

Constraints

$1 \leq n \leq 10$
Also, n is odd.

Format

Input

A number n

Output

```
  1
 2 3 2
3 4 5 4 3
 2 3 2
  1
```

Example

Sample Input

5

Sample Output

```
      1
     2 3 2
    3 4 5 4 3
     2 3 2
      1
```

Pattern 16

Easy

1. You are given a number n.

2. You've to write code to print the pattern given in output format below

Constraints

1 <= n <= 10

Format

Input

A number n

Output

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

Example

Sample Input

7

Sample Output

```
1
1           2
1           2  3
1           2  3  4
1           2  3  4  5
1           2  3  4  5  6
1           2  3  4  5  6  7
1           2  3  4  5  6  7  6
1           2  3  4  5  6  7  6  5
1           2  3  4  5  6  7  6  5  4
1           2  3  4  5  6  7  6  5  4  3
1           2  3  4  5  6  7  6  5  4  3  2
1           2  3  4  5  6  7  6  5  4  3  2  1
```

Pattern 17

Easy 

1. You are given a number n.
2. You've to write code to print the pattern given in output format below.

Constraints

$1 \leq n \leq 10$
Also, n is odd.

Format

Input

A number n

Output

```

  *
 * *
* * *
 * *
  *

```

Example

Sample Input

5

Sample Output

```

*
*   *   *   *
*       *   *
*           *

```

Pattern 18Easy 

1. You are given a number n.
2. You've to write code to print the pattern given in output format below

Constraints

$1 \leq n \leq 10$
Also, n is odd.

Format**Input**

A number n

Output

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

Example**Sample Input**

7

Sample Output

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

Pattern 19

Easy

1. You are given a number n.
2. You've to write code to print the pattern given in output format below

Constraints

$1 \leq n \leq 10$
Also, n is odd.

Format

Input

A number n

Output

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

Example

Sample Input

3

Sample Output

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

Pattern 20

Easy

1. You are given a number n.
2. You've to write code to print the pattern given in output format below.

Constraints

$1 \leq n \leq 10$
Also, n is odd.

Format

Input

A number n

Output

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

Example

Sample Input

5

Sample Output

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