

50 Coding Exercises for Beginners

Exercise 1

Given an integer, draw the tree in the following form.

Input:

1

Output:

*

Input:

2

Output:

*

**

Input:

3

Output:

*

**

Exercise 2

Given an integer, draw the tree in the following form.

Input:

1

Output:

*

Input:

2

Output:

*

**

Input:

3

Output:

*

**

Exercise 3

Given an integer, draw the tree in the following form.

Input:

1

Output:

*

Input:
2
Output:
*

Input:
3
Output:
*

Exercise 4

Given an integer, draw the tree in the following form.

Input:
1
Output:
*

Input:
2
Output:
**
*

Input:
3
Output:

**
*

Exercise 5

Given an integer, draw the square in the following form.

Input:
1
Output:
*

Input:
2
Output:
**
**

Input:
3
Output:

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

```
Input:
4
Output:
****
****
****
****
```

Exercise 6

Given an integer, draw the square in the following form.

```
Input:
1
Output:
*
```

```
Input:
2
Output:
**
**
```

```
Input:
3
Output:
***
* *
***
```

```
Input:
4
Output:
****
* *
* *
****
```

Exercise 7

Given an integer, draw the triangle in the following form.

```
Input:
1
Output:
*
```

```
Input:
2
Output:
*
**
```

Input:

3

Output:

*

**

Input:

4

Output:

*

**

* *

Input:

5

Output:

*

**

* *

* *
