

# Coding Blocks Assignment – Industrial Training C++

## Question 1

### Print reverse

Take N as input, Calculate it's reverse also Print the reverse.

Example:

Input – 123456789

Output - 987654321

## Question 2

Take as input N, a number. Print the pattern as given in output section for corresponding input.

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

## Question 3

Take N (number of rows), print the following pattern (for N = 4).

```
1*****
12*****
123*****
1234***
12345**
123456*
1234567
```

## Question 4

Take N (number of rows), print the following pattern (for N = 5).

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

## Question 5

Take N (number of rows), print the following pattern (for N = 4).

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