



Algorithm Case Exercise



Case 1

- ◆ Create an algorithm to make a series starting from n decreasing to 0 and then increasing again to n .
- ◆ Example: $n \dots 5 \ 4 \ 3 \ 2 \ 1 \ 0 \ 1 \ 2 \ 3 \ 4 \ 5 \dots n$



Case 2

- ◆ Create an algorithm to display a series of n numbers:

1 4 9 8 25 12 49 16 ...



Case 3

- ◆ Write an algorithm to calculate the power of a number (without using a function for calculating powers).
- ◆ Example: 2 to the power of 5 is 32



Case 4

- ◆ Create an algorithm to calculate the value of the n factorial. Example: $1*2*3*4*...*n$



Kasus 5

- ◆ Create an algorithm to display a right triangle star
- ◆ For example, if $n=5$, then the star display

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