

Extra Exercises

-RECURSION

Q1

Output the reverse-order form of an integer. Recursion should be used, and your input should be a positive integer. The signature of the recursive function should be:

public static int reverseForm(int n);

For example:

- Input: 2783; output: 3872
- Input: 598; output: 895
- Input: 3; output: 3
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Q2

Output the binary form of a decimal integer. Recursion should be used, and your input should be a positive integer. The signature of the recursive function should be:

public static String binaryForm(int n);

For example:

- Input: 27; output: 11011
- Input: 33; output: 100001
- Input: 3; output: 11
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