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## Swap two nibbles in a byte

Submissions: 10507 (/problem\_submissions.php?pid=450) Accuracy: 52.77% Difficulty: Basic  
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## Problems

Given a byte, swap the two nibbles in it. For example 100 is be represented as 01100100 in a byte (or 8 bits). The two nibbles are (0110) and (0100). If we swap the two nibbles, we get 01000110 which is 70 in decimal.

### Input:

The first line contains 'T' denoting the number of testcases. Each testcase contains a single positive integer X.

### Output:

In each separate line print the result after swapping the nibbles.

### Constraints:

$$1 \leq T \leq 70$$

$$1 \leq X \leq 255$$

### Example:

#### Input:

2  
100  
129

#### Output:

70  
24

**\*\* For More Input/Output Examples Use 'Expected Output' option \*\***

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