Reversed number in hexadecimal   P60816_en

Write a program that reads a number and prints its hexadecimal representation reversed. Follow the convention to use the letters from 'A' to 'F' to represent the values from 10 to 15.

Input

Input consists of a natural number.

Output

Print, reversed, the hexadecimal representation of the number, with as many zeros at its left as required.

Sample input 1	Sample output 1
16	01

Sample input 2	Sample output 2
1023	FF3

Sample input 3	Sample output 3
90800	0B261

Sample input 4	Sample output 4
65547	B0001

Sample input 5	Sample output 5
0	0

Sample input 6	Sample output 6
1000000000	00ACA9B3

Problem information

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