4-bit incrementer   X58456_en

Design a circuit that receives a 4-bit number and produces the same number increased by one unit (mod 16).

Specification

> **module** *incr4*(*in, out*);
>   **input** [3:0] *in*;
>   **output** [3:0] *out*;

Input

- *in* represents the 4-bit input number.

Output

- *out* represents the 4-bit output number.

Problem information

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