

Celsius to Fahrenheit Conversion

Given a temperature in celsius, convert and print in fahrenheit.

Note: We need to print the floor value of the result.

Input:

The first line of input contains T denoting number of testcases. Each testcase contains single integer denoting the temperature in celsius.

Output:

For each testcase, output the temperature in fahrenheit.

Constraints:

$1 \leq T \leq 100$

$1 \leq \text{temperature in celsius} \leq 100$

Example:

Input:

1

32

Output:

89