

Introduction

Usually pet owners tend to wonder what would be the "human age" of their pets. In my case I wonder what is the "human age" of my noisy neighbor's Chihuahua.

Experts consider that each year of the Chihuahua development is the equivalent of 10 human years on the first two years of life, while for the rest of their lives a year would be equivalent to 4 years of a human being.

For example, for a 5 year old Chihuahua, its human age would be 2*10 + 3*4 = 32 years old.

Input

The first line of the input will be the Chihuahua's age in years (always less than 256). The second line of the input is its name:

3 Rex

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Output

The output should be the Chihuahua's human age in the form:

Rex is 24 human years old