

- A *byte* is an 8-bit signed integer.
- A *short* is a 16-bit signed integer.
- An *int* is a 32-bit signed integer.
- A *long* is a 64-bit signed integer.

To get you started, a portion of the solution is provided for you in the editor.

Input Format

Output Format

```
n can be fitted in:
* dataType
```

If the number cannot be stored in one of the four aforementioned primitives, print the line:

n can't be fitted anywhere.

[illegible] $1/2$

Explanation

213333333333333333333333333333 is very large and is outside of the allowable range of values for the primitive data types discussed in this problem.