## How Much Coffee Do You Need?

*Everybody knows that you passed to much time awake during nighttime...*

Your task is to define how much coffee you need to stay awake after your night. Until you receive the command "END", you need to read a single command. According to this command you will print the number of coffees you need to stay awake during day time.

***Note: If the count exceeds 5 please return 'You need extra sleep'.***

The list of events can contain the following:

* You have homework to do (**'coding'**).
* You have a dog or a cat that just decided to wake up too early (**'dog' or 'cat'**).
* You just watch a movie (**'movie'**).
* Other events can be present, and it will be represented by arbitrary string, just **ignore** this one.

Each event can be lowercase, or uppercase. If it is **lowercase,** you need **1 coffee** by event and if it is **uppercase** you need **2 coffees**.

### Examples

|  |  |
| --- | --- |
| **Input** | **Output** |
| dog  CAT  gaming  END | 3 |
| movie  CODING  MOVIE  CLEANING  cat  END | You need extra sleep |