Exercise 48 Project Map

Need

- ~~Receive user input~~
- Scan input and break into individual words
  (string. split ())

- Read individual words to decide what they are
  ~~Possible~~

- If number, convert to int ()
  ↑
- Note ~~Numb~~ convert-number(s) fn on p. 145

- Scanner returns a tuple: (TOKEN, WORD)
                              ↑   ↑
                         Word Type   Word itself

- Tester expects syntax of lexicon. scan ("word")
  which returns (TOKEN, WORD) tuple

=

Eventually
- Take user input string
- Return a 'sentence' that's composed of a list of the tuples
  created from the user's input

Question

- Naming convention rules imply

  scan() is a function, not a Class.
                        Why?

Word Types
- Direction
- Verb
- Stop Words
- Noun
- Number
- Error

Ex 48 Proj. Map, Pt. 2

Known/Expected Words
by
Word Type

Directions
north
south
east
[west]
(down)
[up]
[left]
[right]
[back]

Verbs
go
kill
eat
stop
shoot

Stop Words
the
in
of
[from]
[at]
[it]
[to]

Nouns
bear
princess
[door]
[cabinet]

Numbers
Any string composed
of the digits
eg: 1
27
963
4094

Error
Anything not covered
by the known word
list/types

eg: 'ASDF'
'IAS'