

## Eco Buddies

In class Library of Babel

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1. 17576, we calculated this by running  $26^3$
2. Running the code 28 times, produced the word fog.
3.  $w \cdot 26 = 456976$
4. One of our favorite parts was about how some people tried to destroy books in the library but that it didn't really make a dent because of how massive the library is. It was interesting to think about how, "each book is unique and irreplaceable, but (since the Library is total) there are always several hundred thousand imperfect facsimiles—books that differ by no more than a single letter, or a comma." This gets back to the idea of how quickly factorials grow into massive amounts and reminded us of the "52 factorial" video we watched in class.