

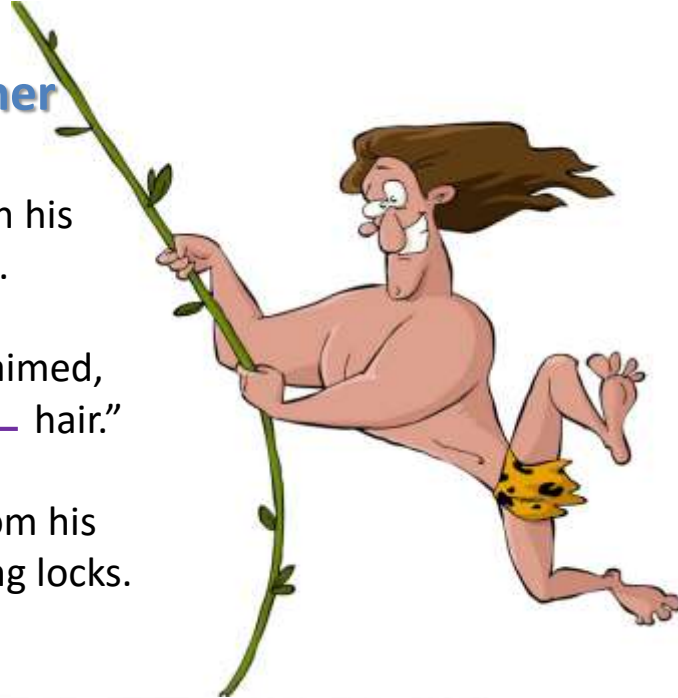
Exercise 5: MadLibs

Tarzan: Java Programmer

Tarzan was late to work when his vine ran into a large _____ .
Animal

“Whoa there, fella!” He exclaimed,
“Don’t mess up my _____ hair.”
Adjective

Tarzan took a _____ from his
loin cloth and fixed his flowing locks.
Power Tool



Tarzan

Tarzan: Java Programmer

Animal Elephant

Adjective Smelly

Power Tool Jack Hammer

Tarzan was late to work when his vine ran into a large Elephant .

“Whoa there, fella!” He exclaimed,
“Don’t mess up my Smelly hair.”

Tarzan took a Jack Hammer from his loin cloth and fixed his flowing locks.

Little Red Riding Hood

The sample story for this exercise is from the *Best of Mad Libs* by Roger Price and Leonard Stern.

<http://www.amazon.com/Best-Mad-Libs-Roger-Price/dp/0843126981>

LITTLE RED RIDING HOOD

One day, Little <<color>> Riding Hood was going through the forest carrying a basket of <<plural noun>> for her grandmother. Suddenly, she met a big <<adjective>> wolf.

"<<exclamation>>!" said the wolf. "Where are you going, little <<silly word>>?"

"I'm going to my grandmother's house," she said.

Then the wolf <<verb (past tense)>> away. When Miss Riding Hood got to her grandmother's house, the wolf was in bed dressed like her grandmother.

"My, Grandmother," she said. "What big <<plural noun 1>> you have."

"The better to <<verb 1>> you with," said the wolf.

"And, Grandmother," she said, "what big <<plural noun 2>> you have."

The wolf said, "The better to <<verb 2>> you with."

And then she said, "What big <<plural noun 3>> you have, Grandmother."

But the wolf said nothing. He had just died of indigestion from eating Grandmother.

Exercise 5: MadLibs

Write a program to play MadLibs!

Pull in the “LittleRed.txt” file from your virtual environment.

Write a program to read the text file for the story Little Red Riding Hood. Parse the story for <<...>> prompts and ask the user for all the words.

Then print the completed story.



Strategy

Start with a clean project. Drag the story file into the root of your project.

You might need a collection or two to hold the list of prompts and the list of replacement words.

Spend a little time thinking about the format of the input file. Is the text in the <<...>> unique? Could you fill the same prompt into the story in several places?

Optional Challenge: write your own MadLib story input file!