

Project 1:

Creating a Mad Libs Game

Goal:

Create a fun Mad Libs game where the user inputs word to generate funny sentences.

Game Requirements:

- Game should start with a welcome message
- Ask the user for at least three words (noun, verb, adjective)
- Combine the user's words into a fun sentence and print it out

Instructions:

Create a New Python File:

- In your “week 1” folder, create a new folder named “project1”.
- Open your “project1” folder and create a Python file named “mad_libs.py”.

Add an Intro Message:

- Let's make our game a bit more fun by starting with a welcome message for the player.
- Use the print() function to create a message at the top of you mad_libs.py file.

Example: `print("hello")`

Set Up Variables and Game:

- After the intro message let the user know, they need to input some words to complete the Mad Libs.
- Create variables for each word type: noun, verb, adjective.

Example: `noun = "Dog"`

- But we want users to choose the words, so we have to use the input() function to set the values for our variables.

Example: `pet = input("What kind of pet do you own? ")`

Combine the Variables Into a Sentence:

- Use the variables you just made to create fun sentences.
“One day, a **(adjective)** **(noun)** decided to **(verb)** on top of a **(adjective)** **(noun)**.”

People nearby started to **(verb)** as the **(noun)** turned **(adjective)**. It was the most **(adjective)** scene ever witnessed in the **(noun)**!”

- Use the print function with the + sign to add variables to the statement being printed.

Example: `print("I have a pet " + pet)`

Run Your Game:

- Save your file and run it from the terminal. Remember to check if you're in the right folder, you should be in your project1 folder.
- Run your game by typing “python mad_libs.py”.
- Test your game by inputting different words and see how the sentence changes.

Bonus:

- Print out your Mad Libs sentence with just placeholder words before asking user to type in words. For example, print out this sentence before asking for user input:

```
One day, a (adjective) (noun) decided to (verb) on top of a (adjective) (noun).  
People nearby started to (verb) as the (noun) turned (adjective).  
It was the most (adjective) scene ever witnessed in the (noun)!
```

- Ask the user for more words and make a bigger sentence.
- Add more ad lib sentences that get longer.