

**** The underlined words are indicative of the substitutions that were made, the underlines won't show up in your output. Italicized, thin words are user input. The test cases are the files that will be directed into your program during grading. ****

Sample Run 1:

Please complete the lines in the song as best you can.

Raindrops on: roses
And whiskers on: kittens
Bright copper: kettles
And warm woolen: mittens
Brown paper packages: tied up with strings
These are a few of my: favorite things!

test_case_1.txt

```
roses
kittens
kettles
mittens
tied up with strings
favorite things!
```

Raindrops on roses
And whiskers on kittens
Bright copper kettles
And warm woolen mittens
Brown paper packages tied up with strings
These are a few of my favorite things!

Thanks for playing!

Sample Run 2:

Please complete the lines in the song as best you can.

Raindrops on: *sunflowers*
And whiskers on: *puppies*
Bright copper: *cups*
And warm woolen: *hats*
Brown paper packages: *stamped with my name*
These are a few of my: *hated things!*

test_case_2.txt

```
sunflowers
puppies
cups
hats
stamped with my name
hated things!
```

Raindrops on sunflowers
And whiskers on puppies
Bright copper cups
And warm woolen hats
Brown paper packages stamped with my name
These are a few of my hated things!

Thanks for playing!



Lab 2: Song Completion

COSC 1423 | Fall 2023

Professor: Megan Avery

Topics: printing, variables, & user input

Partnerships: You will complete this lab with 1 randomly assigned partner. You will name your partner in your followup questions. You will each turn in your own copy of the assignment to Canvas with your own copy of the followup questions. You may collaborate closely with your partner but make sure each partner is contributing equally (as much as possible).

Turn In Instructions: A zip file named lab02_firstname_lastname.zip containing the following files:

Planning:

- ☐ A PDF named lab02_planning_firstname_lastname.pdf that contains pictures of your lab handout and any scratch paper/ whiteboards you used for planning.

Implementation:

- ☐ A Python file named lab02_firstname_lastname.py. Your name will be at the top of the file in a comment. Your followup questions will be answered in a multiline comment at the end of the file.

Planning (15 pts): Figure out how you are going to approach this problem. Take notes along the way.

Style (10 pts): See Style Guide

Implementation (65 pts):

Write a program that asks the user to complete a portion of the song "My Favorite Things" from *The Sound of Music*. Then, prints out the version of the song the user put together.

- ☐ **Objective 1:** Print out an instructional message to the user.
- ☐ **Objective 2:** Prompt the user with the beginning of song lines and have them complete them, saving their answers in appropriately named variables.
 - o See sample run for prompts. User input thin and italicized.
- ☐ **Objective 3:** Print out the song using the endings entered by the user in Objective 2.
- ☐ **Objective 4:** Print a goodbye message to the user.

Followup Questions (10 pts):

1. Who was your partner?
2. How long did you spend on the lab? Did you complete the extension?
3. On a scale of 1 - 5 rate each objective based on the level of effort it required.
4. Was there any part of the assignment that you got stuck on? Explain.
5. How was working with a partner? Explain.

Extension (+5 pts):

Update your code so that it incorporates color into the output somehow. See color_example.py on Canvas.



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First we will find the lyrics to the song "my favorite things" from the sound of music.

- We will create a zip folder insert this file and for the instructions and then the python file.
- We will get a portion of the song down then we will use print() to start the project and show instructions.
- We found lyrics to start the project.
- We made 6 inputs and 6 prints

1. My partner was Angel.
2. Most of the lab time.
3. I think it took most of my effort so maybe a 5.
4. The inputs, they rerun on the code.
5. We tried our best to figure the code out