

Dowell Gandy
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CSC-121-OA1
10-14 Addition

The screenshot shows a code editor with two files: `remember_me.py` and `username.json`. The `remember_me.py` file contains a Python script that uses `pathlib` and `json` to manage a username. The `username.json` file contains a single JSON object with the key `"Rick"`. The terminal at the bottom shows the execution of the script, which prompts the user for their name and saves it to the JSON file.

```
python_work

addition.py remember_me.py x username.json x

remember_me.py > get_stored_username

1 from pathlib import Path
2 import json
3
4 def get_stored_username(path):
5     """Get stored username if available"""
6     if path.exists():
7         contents = path.read_text()
8         username = json.loads(contents)
9         return username
10    else:
11        return None
12
13 def get_new_username(path):
14     """Prompt for new username"""
15     username = input("What is your name? ")
16     contents = json.dumps(username)
17     path.write_text(contents)
18     return username
19
20 def greet_user():
21     """Greet the user by name"""
22     path = Path('username.json')
23     username = get_stored_username(path)
24     # username = None
25     if username:
26         userVerify = input(f"Are you {username}? Type yes if so: ")
27         if userVerify.lower() == 'yes':
28             print(f>Welcome back, {username}")
29         else:
30             username = get_new_username(path)
31     else:
32         username = get_new_username(path)
33         print(f>We'll remember you when you come back, {username}")
34
35 greet_user()

username.json

1 {"Rick"}
```

PROBLEMS OUTPUT DEBUG CONSOLE **TERMINAL** PORTS

- dowellgandy@Dowells-MacBook-Pro python_work % python3 remember_me.py
What is your name? Dowell
We'll remember you when you come back, Dowell
- dowellgandy@Dowells-MacBook-Pro python_work % python3 remember_me.py
Are you Dowell? Type yes if so: yes
Welcome back, Dowell
- dowellgandy@Dowells-MacBook-Pro python_work % python3 remember_me.py
Are you Dowell? Type yes if so: no
What is your name? Rick

Ln 11, Col 20 Spaces: 4 UTF-8 LF Python