Q1

Instructions:

1. The following Python code is intended to make a GET request to fetch user data from an API, but it contains several syntax and logical errors.

2. Your task is to debug and fix the code so that it runs correctly and prints the username of the first user.

3. Do not change the code structure beyond what is necessary to correct the errors.

4. Rewrite the corrected code in the provided Q1.py file and test it to ensure it works as expected.

Faulty Code (for Debugging):

```python
import request    # Error 1: Incorrect import

# API URL for fetching user data
api_url = "https://jsonplaceholder.typicode.com/users"

# Sending the GET request
response = requests.get(api.url)  # Error 2: Incorrect attribute

if response.status_code == 200  # Error 3: Missing colon
    data = response.JSON()  # Error 4: Incorrect method for JSON
parsing
    print("User name:", data[0].username)  # Error 5: Incorrect
attribute access
else:
    print("Error: Status code", response.code)  # Error 6: Incorrect
status code attribute
```

Expected Output (When Debugged Correctly):

User name: Leanne Graham

Grading Rubric (Out of 10 Points):

Criteria	Points	Description
Correctness	6	All errors are identified and fixed, and the code works correctly to fetch and display the username.
Completeness	2	All required corrections are made, and the code structure remains largely unchanged.
Code Testing	2	The student verifies that the corrected code runs without errors and produces the expected output.