Q2

Instructions:

1. Review the buggy code below for web crawling.

2. Identify and fix the errors to make the code functional.

3. Write the corrected code in the provided Python file named `Q2.py`. Ensure the program runs correctly and outputs all <h1> headings from the specified URL.

Buggy Code (for Debugging):

```python
import request   # Error 1: Incorrect import
from bs4 import Beautifulsoup  # Error 2: Incorrect case

url = "https://example.com"
response = request.get(url)  # Error 3: Incorrect import usage

soup = Beautifulsoup(response.text, 'html.parser')  # Error 4:
Incorrect case

headings = soup.findAll('h1')
print("Headings found:")
for heading in headings  # Error 5: Missing colon
    print(heading.text)
```

Grading Rubric (Out of 10 Points):

Criteria	Points	Description
Error Identification and Correction	5	Correctly identifies and fixes all errors in the code.
Code Functionality	3	The corrected code runs without errors and successfully scrapes headings from the website.
Code Clarity and Formatting	2	Code is well-structured, follows Python best practices, and is easy to read.