

## Medium to Hard String Practice Questions (10)

1. Extract 'Programming' from: `text = 'PythonProgramming'` using slicing only.
2. Count how many times 'Hello' appears in: `s = 'Hello, Python, Hello, World'`.
3. Reverse the string without using `reverse()`: `word = 'Development'`.
4. Replace 'awesome' with 'powerful' only if 'Python' exists in: `sentence = 'Python is awesome'`.
5. Count occurrences of 'aaa' (including overlapping) in: `text = 'aaabbbcccaaa'`.
6. Extract username and domain from: `email = 'username@example.com'`.
7. Extract the numeric value from: `line = 'The price is 1500 rupees'`.
8. Split by '-' and rejoin with spaces: `words = 'python-is-simple-and-powerful'`.
9. Remove numbers and keep only letters from: `text = 'Hello123World45Python'`.
10. Find the first character that appears more than once in: `text = 'Mississippi'`.