Daily Task

1. How many characters are in the string `"Python3"`?
2. If `text = " Hello World "`, what does `len(text)` return?

3. Count the length of `" "` (a space character). Is it 0?
4. Convert `"Good Morning"` to uppercase. What do you get?

5. What is `"HELLO".lower()`?

6. If `msg = "PyThOn"`, what will `msg.upper()` and `msg.lower()` return?

7. What happens if you use `.upper()` on `"123abc!"`?
8. What does `"hello world".capitalize()` return?

9. Convert `"hello world from python"` to title case.

10. Will `"JAVA".capitalize()` return `"Java"` or `"JAVA"`?

11. What's the difference between `"hello world".title()` and `"hello world".capitalize()`?
12. Count how many `'o'` are in `"hello, world!"`.

13. Given `quote = "Practice makes perfect"`, how many times does `'p'` appear?

14. What is `"Mississippi".count('s')`?

15. What does `"banana".count("na")` return?

16. What is the position of `'e'` in `"elephant"` using `.find()`?

17. Use `.find()` to locate `'z'` in `"puzzle"` — what index is returned?

18. What happens if `.find()` doesn't find the character?

19. How does `index()` behave differently from `find()` when the item isn't found?

20. What does `"hello".index("e")` return?
21. Combine `"Hello"` and `"World"` into `"HelloWorld"`.

22. Use `+` to add `"Hi, "` and `"Alice"` together.

23. What is the result of `"Age: " + str(25)`?

24. Can you concatenate `"abc"` and `"123"` to form `"abc123"`?
25. Replace `"dog"` with `"cat"` in `"The dog barks."`.

26. Given `msg = "rain rain go away"`, replace `'rain'` with `'sun'`.

27. What happens when you replace `'a'` with `'@'` in `"banana"`?

28. How do you replace spaces with hyphens in `"join the party"`?
29. What does `" hello ".strip()` return?

30. Remove `#` from both ends of `"###Welcome###"` using `strip()`.

31. Does `strip()` remove characters from the middle of a string?

32. How do you remove only the trailing spaces from `"Hello "`?

33. Use `.format()` to insert `"Alice"` into `"Hello, {}!"`.

34. What is `"{} scored {} marks".format("John", 95)`?

35. Fill in two blanks in `"{} is {} years old"` with `"Bob"` and `30`.

36. Can you use numbers with placeholders? Try `"{}+{}={}".format(2, 3, 5)`.

37. What does `"apple,banana,grape".split(",")` return?

38. How many parts do you get from `"one two three".split()`?

39. Use `split("-")` on `"2025-05-16"`. What do you get?

40. Can you split `"hello"` using a space as a separator?

41. Take `" python "` and return `"PYTHON"` with whitespace removed.

42. Format and print `"Score: 100"` using `.format()`.

43. Convert `"python is fun"` to `"Python Is Fun"` using any method.

44. Replace all `'l'` in `"hello world"` with `'*'`.

45. How do you get just the word `"World"` from `"Hello World"`?