◆ Section A: Function with `return` Statement

1. **Return Square of a Number**

   📌 Write a function `get_square(num)` that **returns** the square of the number.

    Hint: Use `return num * num`.

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2. **Return the Maximum of Two Numbers**

   📌 Define `get_max(a, b)` that returns the larger of the two.

    Hint: Use `if` or the built-in `max()` function.

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3. **Check Even or Odd (Return Message)**

   📌 Write a function `check_even_odd(num)` that returns `"Even"` or `"Odd"`.

    Hint: Use `if num % 2 == 0`.

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4. **Return Sum of Digits**

   📌 Create `sum_digits(n)` that returns the sum of all digits in the number.

    Hint: Use loop and `n % 10`, `n //= 10`.

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5. **Return Factorial of a Number**

   📌 Write a function `get_factorial(n)` that returns the factorial of `n`.

    Hint: Multiply numbers from `1 to n`.

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6. **Check Prime Number (Return Boolean)**

   📌 Create `is_prime(num)` that returns `True` if number is prime, else `False`.

    Hint: Use loop from 2 to `num-1`.

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7. **Return the Reverse of a Number**

📌 Define `reverse_number(n)` that returns the reversed number.

Hint: Use loop to extract digits and build reverse.

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8. **Count Vowels in a String**

📌 Write `count_vowels(text)` that returns the number of vowels in a string.

Hint: Check if each character is in `'aeiouAEIOU'`.

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9. **Return GCD of Two Numbers**

📌 Create `get_gcd(a, b)` that returns the GCD of two numbers.

Hint: Use Euclidean algorithm or loop.

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10. **Return Palindrome Status**

📌 Write `is_palindrome(text)` that returns `True` if the string is a palindrome.

Hint: Compare `text == text[::-1]`.

◆ **Section B: Using `math` Module + Return**

✨ Use `import math` at the top of your script.

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11. **Return Square Root**

📌 Define `get_sqrt(x)` that returns the square root using `math.sqrt()`.

Hint: `return math.sqrt(x)`

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12. **Return Ceiling and Floor of a Number**

📌 Write a function `ceil_and_floor(x)` that returns both ceiling and floor of a number.

Hint: Use `math.ceil()` and `math.floor()`.

13. Return Value of sin(x)
📌 Create `get_sin(x)` that returns `sin(x)` in radians.
Hint: `math.sin(x)`

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14. Return Area of Circle
📌 Write `circle_area(radius)` that returns area using πr^2.
Hint: Use `math.pi`.

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15. Return Power of a Number
📌 Define `get_power(base, exp)` that returns `base^exp`.
Hint: Use `math.pow(base, exp)` or `**`.

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16. Return Factorial using `math` Module
📌 Write `factorial_math(n)` that returns the factorial using `math.factorial()`.
Hint: No need for loops.

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17. Return Hypotenuse of Right Triangle
📌 Create `get_hypotenuse(a, b)` that returns $\sqrt{a^2 + b^2}$.
Hint: Use `math.sqrt(a**2 + b**2)`.

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18. Convert Degrees to Radians
📌 Define `deg_to_rad(deg)` that returns radians.
Hint: `math.radians(deg)`

19. **Convert Radians to Degrees**

📌 Define `rad_to_deg(rad)` that returns degrees.

Hint: `math.degrees(rad)`

20. **Logarithm Base 10 of a Number**

📌 Write `get_log10(x)` that returns the base-10 logarithm.

Hint: `math.log10(x)`