Problem 1: Calculate the Average of Two Numbers

Problem Description:
Write a Python function called `calculate_average` that takes two numbers as input and returns their average.

Steps to Follow:

1. Define the Function:
   - Begin by defining a function named `calculate_average` that takes two parameters, `num1` and `num2`.

2. Calculate the Average:
   - Inside the function, add `num1` and `num2`, then divide the sum by 2 to calculate the average.

3. Return the Result:
   - Use the `return` statement to return the calculated average as the result of the function.

4. Call the Function:
   - Outside the function, call it with two sample numbers as arguments.

5. Print the Result:
   - Print the result to the console to display the calculated average.

Problem 2: Check for Even or Odd

Problem Description:
Write a Python function called `is_even` that takes an integer as input and returns `True` if the number is even and `False` if it's odd.

Steps to Follow:

1. Define the Function:
   - Define a function named `is_even` that takes one parameter, `number`.

2. Check for Evenness:
   - Inside the function, use the modulo operator (`%`) to check if `number % 2` equals 0. If it does, return `True`; otherwise, return `False`.

3. Return the Result:
   - Use the `return` statement to return the result of the check.

4. Call the Function:
   - Call the function with a sample integer as an argument.

5. Print the Result:
   - Print the result to the console to display whether the number is even or odd.

Problem 3: Calculate the Factorial of a Number

Problem Description:
Write a Python function called `calculate_factorial` that takes a positive integer as input and returns its factorial.

Steps to Follow:

1. Define the Function:
   - Define a function called `calculate_factorial` that takes one parameter, `n`, which represents the positive integer whose factorial you want to calculate.

2. Initialize a Variable:
   - Inside the function, initialize a variable to store the factorial result. Start with a value of 1.

3. Calculate the Factorial:
   - Use a loop (e.g., a `for` loop) to calculate the factorial of `n`. Multiply the current result by each integer from 1 to `n`.

4. Return the Result:
   - Use the `return` statement to return the calculated factorial as the result of the function.

5. Call the Function:
   - Call the function with a sample positive integer as an argument.

6. Print the Result:
   - Print the result to the console to display the calculated factorial.

Please upload your solutions into your branch in github! Any questions or remarks leave in the description when you commit.