Exercise 1: Hello, World!

Task:

Write a Python program that prints “Hello, [Your Name]!” to the console.

Example Output:

```
Hello, Alice!
```

Exercise 2: Variable Assignment

Task:

Assign your age to a variable and print it in a sentence.

Example Output:

```
I am 25 years old.
```

Exercise 3: Basic Calculations

Task:

Write a program that:

1. Takes two numbers as input from the user.
2. Calculates and prints their sum, difference, product, and quotient.

Example Output:

```
Enter first number: 10
Enter second number: 5
Sum: 15
Difference: 5
```

```
Product: 50
Quotient: 2.0
```

Exercise 4: Simple Input/Output

Task:

Create a program that:

1. Asks the user for their favorite color.
2. Responds with a message incorporating that color.

Example Output:

```
What is your favorite color? Blue
Wow, Blue is a great color!
```

Exercise 5: Combining Concepts (Optional)

Task:

Write a program that:

1. Asks the user for their first name and last name.
2. Asks for their birth year.
3. Calculates their age based on the current year (assume the current year is 2024).
4. Prints a greeting that includes their full name and age.

Example Output:

```
Enter your first name: John
Enter your last name: Doe
Enter your birth year: 1990
Hello, John Doe! You are 34 years old.
```

Submission Guidelines

1. **Complete All Exercises:**
   Ensure that each exercise runs without errors and produces the expected output.

2. **Code Organization:**

   - Save each exercise in separate Python files (e.g., `exercise1.py`, `exercise2.py`, etc.).
   - Use meaningful variable names.

3. **Testing:**
   Run your scripts to verify that they work correctly before submission.