1. **Data Type Identification**:

Write a function that takes a variable as input and returns its type. Test it with different data types (e.g., integer, string, list, tuple).

2. **List Operations**:

Create a list of five fruits. Write code to:

   a. Add a new fruit to the list.
   b. Remove a fruit from the list.
   c. Print each fruit using a `for` loop.

3. **Dictionary Usage**:

Create a dictionary to store the names and ages of three people. Write code to:

   a. Add a new person to the dictionary.
   b. Print each name and age using a `for` loop.

4. **List Comprehensions**:

Write a list comprehension that generates a list of squares for the numbers 1 to 10.

5. **Filtering with If Statements**:

Create a list of integers. Write code to print only the even numbers from the list using a `for` loop and an `if` statement.

6. **Counting Vowels**:

Write a function that counts the number of vowels in a given string using a `for` loop and an `if` statement.

7. **Sum of List Elements**:

Write a program that calculates the sum of all elements in a list using a `for` loop.

8. **Grade Evaluation**:

Write a program that takes a score as input and prints the corresponding grade (A, B, C, D, F) using `if-elif-else` statements.

9. **Finding Maximum Value**:

Write a function that takes a list of numbers and returns the maximum value using a `for` loop and `if` statements.

10. **Check Prime Numbers**:

Write a function that checks if a given number is prime. Use `for` loops and `if` statements to implement it.