Python Module Creation – Practice Questions

1. Create a module math_ops.py that contains a function to add two numbers.
2. Create a module area.py with:

   - circle_area(radius)
   - rectangle_area(length, breadth)

3. Create a module greetings.py that has a function welcome(name).which prints a welcome message.
4. Create a module numbers.py with a function to check whether a number is even or odd.
5. Create a module calculator.py containing functions:

   - add
   - subtract
   - multiply
   - divide. Call all functions from another file.

6. Create a module string_utils.py with functions to:

   - count characters in a string
   - convert string to uppercase

7. Create a module table.py that prints the multiplication table of a given number.
8. Create a module factorial.py with a function to find factorial of a number.
9. Create a module list_ops.py with functions to:

   - find maximum element
   - find minimum element in a list

10. Create a module student.py that stores:

    - student name
    - roll number. Create a function to display student details.