Problem 1 : Bank Account : Create a class representing a bank account with attributes like account number, account holder name, and balance. Implement methods to deposit and withdraw money from the account.

Problem 2 : Employee Management : Create a class representing an employee with attributes like employee ID, name, and salary. Implement methods to calculate the yearly bonus and display employee details.

Problem 3 : Vehicle Rental : Create a class representing a vehicle rental system. Implement methods to rent a vehicle, return a vehicle, and display available vehicles.

Problem 4 : Library Catalog : Create classes representing a library and a book. Implement methods to add books to the library, borrow books, and display available books.

Problem 5 : Product Inventory : Create classes representing a product and an inventory system. Implement methods to add products to the inventory, update product quantity, and display available products.

Problem 6 : Shape Calculation : Create a class representing a shape with attributes like length, width, and height. Implement methods to calculate the area and perimeter of the shape.

Problem 7 : Student Management : Create a class representing a student with attributes like student ID, name, and grades. Implement methods to calculate the average grade and display student details.

Problem 8 : Email Management : Create a class representing an email with attributes like sender, recipient, and subject. Implement methods to send an email and display email details.

Problem 9 : Social Media Profile : Create a class representing a social media profile with attributes like username and posts. Implement methods to add posts, display posts, and search for posts by keyword.

Problem 10 : ToDo List : Create a class representing a ToDo list with attributes like tasks and due dates. Implement methods to add tasks, mark tasks as completed, and display pending tasks.