Q1. Basic Class

Write a program in C++ to create a class **Car** with data members name and speed.

- Use a member function display() to print values.

- Create two objects and display their details.

Q2. Rectangle (Area & Perimeter)

Create a class **Rectangle** with data members length and width.

- Add member functions to calculate **area** and **perimeter**.

- Read values from user and display results.

Q3. Student Details

Create a class **Student** with data members rollNo, name, and marks.

- Add member function input() to take values.

- Add function display() to print them.

- Create an array of 3 students and display all details.

Q4. Bank Account

Create a class **BankAccount** with:

- Data members: accountNumber, balance.

- Functions: deposit(), withdraw(), displayBalance().

- Perform deposit and withdrawal operations using objects.

Q5. Employee Salary (Parameterized Constructor)

Write a C++ program to create a class **Employee** with data members id, name, and salary.

- Use a **parameterized constructor** to initialize values.

- Display employee details using a function.

Q6. Complex Number (Object as Argument)

Create a class **Complex** with data members real and imag.

- Add a member function add() that takes another Complex object and returns the result as a new object.

- Display the sum of two complex numbers.

Q7. Library Management

Create a class **Book** with data members title, author, and price.

- Write functions to input and display details.

- Create an array of 5 books and print the book with the highest price.