C++ Classes/Objects Assignment

Create an object of a class and access class attributes
Create multiple objects
Create class methods
Define a class method outside the class definition
Add parameters to a class method
Create a constructor
Constructor parameters
Constructor defined outside the class
Public and private specifiers
Encapsulation - hide sensitive data from users
Inheritance - inherit attributes and methods from one class to another
Multilevel inheritance
Multiple inheritance
Polymorphism - perform a single action in different ways
Files - Create, write and read a file
Exceptions - Handle errors