**Assignment:**

1. Take a file and provide multiple classes and multiple main methods and print a statement in every method. Check in which order the print statements are printed.

2. perform the operations on the 3 different variables 1. Normal 2. \_underscore 3. @ and using these 3 variables perform arithmetic operations with methods and call the methods.

3. You are developing a simple application to manage a book store. Each book has an ID, a title, an author, a price, and the number of copies available in the store. You need to create a program that will display the details of a book and calculate the total value of the books in stock.

Requirements:

Create a class Book with the following properties:

int BookID: The unique identifier for the book.

string Title: The title of the book.

string Author: The author of the book.

decimal Price: The price of the book.

int CopiesAvailable: The number of copies available in the store

Create a method DisplayDetails() in the Book class to display the book's details.

Create a method CalculatetotalValue() in the book class to calculate the total value of the books in stock.

4. perform program on stack and heap memory

5. take 2 instance variables to perform addition, static variable for subtraction and 1 instance and 1 method for multiplication and try to reassign the instance variable with other value and perform the division with the new value

6. take the 2 instace and 2 static variables and take 1 display method and perform the addition and subtractions using above variales and take 1 more display2 method and try to reassign the instance variables and static variables and perform same operations

7. take 1 static ,const,instance variable and try to call it in main method and perform any operation