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| **OOP Lab 8** | | | |
| **Course Code:** | COMP-102L | **Class** | CS (B) |
| **Lab Engineer** | Laiba Khalid | **Semester** | 2nd |
| **Lab Title** | C++ Operations | **Section** | BLUE |
| **Name** | Sarmad Durrani | **Reg no.** | B24F0305CS001 |
| **Content Covered** | Operations Implementation. | | |
| **Instructions:**  • Submit the file with your names following your registration numbers like AI001\_Name.  • Submit soft copy of the report before deadline. Marks will be deducted for late submissions. | | | |

**Lab Tasks:**

* 1. Modify the BankAccount class to restrict negative balance withdrawals..

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2. Create a Student class where name and grades are encapsulated, and provide getter and setter methods to update grades securely.

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3. Implement an Employee class that hides salary details but provides controlled access through getter and setter methods.

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You are developing a Student Management System for a university. The system must store student details, including name, roll number, and GPA. To ensure data security, the roll number and GPA must be private and should only be accessed or modified using getter and setter methods.

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