

PHP Exercises

1. Create an `Account` class that a bank might use to represent customers' bank accounts. Include a data member to represent the account balance. Provide a constructor that receives an initial balance and uses it to initialize the data member. The constructor should validate the initial balance to ensure that it is greater than or equal to 0. If not, set the balance to 0. Provide three member functions:
 - `credit($amount)` should add `amount` to the current balance
 - `debit($amount)` should ensure that `amount` does not exceed the current balance and then reduce the current balance by `amount`. The balance should not change if `amount` exceeds the balance.
 - `getBalance()` should return the current balance
- i. Create a set of test data and then write a program to test the class.
2. Create an `Employee` class that includes three pieces of information as data members:
 - first name
 - last name
 - monthly salary

The class should have a constructor that initializes the three data members. Write setters and getters for each of the data members. If the monthly salary is not positive, set it to 0.

- i. Create a set of test data and then write a program to test the class.
- ii. Write some code to give each employee a 10% pay raise.
 - a. Create a set of test data and then write code to test the pay raise.