Assignment04

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CPP

Diploma in Advance Computing

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1. Create a class account that stores customer name, account number and type of account .From this derive two classes curAcc and savAcc to make them more specific to their requirements. Include necessary member functions, constructors in order to achieve the following task.

1. Accept deposit from customer and update the balance

2. Display the balance

3. Compute and deposit interest make these as virtual

4. Permit withdrawal and update the balance

5. Check for the minimum balance, impose penalty and update the balance.

2. Study Student Create a classes as per below structure

And Add below functionalities

1. Add getter and setter member functions and display function in student, Test and sports classes.

2. Result class only display all the data of Student, sports and test. and also calculate the total as

Total= marks of subject+ score for sports and display that also.

3. Assume that a bank maintains two kinds of customers, one called as savings account and other as current account. The saving account provides compound interest and withdrawal facilities but no cheque book facility. The current account provides cheque book facility but no interest. Current account holders should also maintain a minimum balance and if the balance falls below this level, a service charge is imposed.