**Core Java Project - Banking Application**

This project is the best way to kick starts your coding experience in java. In this project, you will be Utilize Scanner class for input, variables, if/else statements, methods, loops, inheritance, Encapsulation (getter/setter), constructor, polymorphism and etc.

**Functional Requirements.**

Create a Bank Account Application that will allow users to do their transactions.  For this, user will have to enter all the required information like, name, account number, account type and initial balance and using the switch case statement they can select the type of transaction they want to do, and they get information regarding their balance also.

The Bank account has the properties ***User Name, User ssn, User Address, BankName , Bank Address, routing Number, account number, balance, annual fees, interest rate, tax and date created***, and methods to ***deposit() and withdraw()***. Create one parent class for **Banking** and four sub classes for **checking account, creditCard, privileged and savings account.**

You are supposed to take an input from user via console. User will be able to select one option from four options. Such as define below

1 – checking account

2 – saving account

3 – Privileges account

4 - Credit card

You are free to add any properties or features in each class such as withdraw(), deposit(), calculateTax(), calucateAmountdue().

You are supposed to add functionality privileged Banking Account with Overdraft Facility. For a background, overdraft is a facility where you can withdraw an amount more than available the balance in your account.

You are supposed to add functionality in Creditcard, Users can pay the all dues. User will be able to add year, month and total amount as an input from console.

Workflow

