Main

package Program01;

import java.util.Scanner;

public class Main {

    public static void main(String[] args) {

        Scanner input = new Scanner(System.in);

        Account ac1 = new Account(1122,20000);

        ac1.setAnnualInterestRate(4.5);

        System.out.print("Choose your service [1]deposit [2]withdraw : ");

        int service = input.nextInt();

        if(service >= 1 && service <= 2){

            if(service == 1){

                System.out.print("Enter amount to deposit : ");

                double amount = input.nextDouble();

                if(amount > 0){

                    ac1.deposit(amount);

                    ac1.display();

                }

                else {

                    System.err.println("Error,The amount can't be zero or nagative.");

                }

            }

            if(service == 2){

                System.out.print("Enter amount to withdraw : ");

                double amount = input.nextDouble();

                if(amount > 0 && amount <= ac1.getBalance()){

                    ac1.withdraw(amount);

                    ac1.display();

                }

                else if (amount <= 0){

                    System.err.println("Error,The amount can't be zero or nagative.");

                }

                else if (amount > ac1.getBalance()){

                    System.err.println("Error,The amount is over than your balance.");

                }

            }

        }

        else {

            System.out.println("Error ,Enter only [1] or [2].");

        }

        input.close();

    }

}

Account

package Program01;

import java.util.Date;

public class Account {

    private int id;

    private double balance;

    private double annualInterestRate;

    private Date dateCreated;

    public Account(){

        dateCreated = new Date();

    }

    public Account(int id ,double balance){

        dateCreated = new Date();

        this.id = id;

        this.balance = balance;

    }

    public int getId(){

        return this.id;

    }

    public double getBalance(){

        return this.balance;

    }

    public double getAnnualInterestRate(){

        return this.annualInterestRate;

    }

    public Date getDateCreated(){

        return this.dateCreated;

    }

    public int setId(int id){

        this.id = id;

        return this.id;

    }

    public double setBalance(double balance){

        this.balance = balance;

        return this.balance;

    }

    public double setAnnualInterestRate(double annualTnterestRate){

        this.annualInterestRate = annualTnterestRate;

        return this.annualInterestRate;

    }

    public double getMonthlyInterestRate(){

        double monthlyInterestRate = this.annualInterestRate / 12;

        return monthlyInterestRate/100;

    }

    public double getMonthlyInterest(){

        double monthlyInterest = (getMonthlyInterestRate()\*this.balance);

        return monthlyInterest;

    }

    public void withdraw(double amount){

        this.balance -=amount;

    }

    public void deposit(double amount){

        this.balance += amount;

    }

    public void display(){

        System.out.println("Balance : " + getBalance() + "$");

        System.out.println("Monthly interest : " + getMonthlyInterest() + "$");

        System.out.println("Account created date : " + getDateCreated());

    }

}