Class Account

package Program01;

import java.util.Date;

public abstract class Account {

    protected double balance;

    protected Date dateCreated;

    Account(){

        this(0);

    }

    Account(double balance){

        this.balance=balance;

        dateCreated = new Date();

    }

    public  double deposit(double deposit){

        this.balance += deposit;

        return deposit;

    }

    public abstract double withdraw(double withdraw);

    public double getBalance() {

        return balance;

    }

    public String getDateCreated() {

        return "This accont was created at "+dateCreated.toString();

    }

    @Override

    public String toString() {

        return "Account [balance=" + balance + ", dateCreated=" + dateCreated + "]";

    }

}

Class Checking

package Program01;

public class CheckingAccount extends Account {

    private double overdraft;

    public CheckingAccount(double overdraft) {

        this.overdraft = overdraft;

    }

    public CheckingAccount(double balance, double overdraft) {

        super(balance);

        this.overdraft = overdraft;

    }

    public double getOverdraft(){

        return overdraft;

    }

    @Override

    public double withdraw(double withdraw) {

        if(withdraw <= balance+overdraft){

            this.balance -= withdraw;

        }

        else{

            System.out.println("Error, The amount is more than overdraft.");

        }

        return withdraw;

    }

    @Override

    public String toString() {

        return "CheckingAccount [balance=" + balance + ", dateCreated=" + dateCreated + ", overdraft=" + overdraft + "]";

    }

}

Class Saving

package Program01;

public class SavingAccount extends Account {

    private double percentInterest;

    public SavingAccount(double percentInterest) {

        this.percentInterest = percentInterest;

    }

    public SavingAccount(double balance, double percentInterest) {

        super(balance);

        this.percentInterest = percentInterest;

    }

    public double getPercentInterest() {

        return percentInterest;

    }

    public double getMonthlyInterest(){

        return balance\*((percentInterest/12)/100);

    }

    @Override

    public double withdraw(double withdraw) {

        if(withdraw <= balance){

            this.balance -= withdraw;

        }

        else{

            System.out.println("Error, The amount is more than balance.");

        }

        return withdraw;

    }

    @Override

    public String toString() {

        return "CheckingAccount [balance=" + balance + ", dateCreated=" + dateCreated + ", percentInterest=" + percentInterest + "]";

    }

}

Class Main

package Program01;

public class Main {

    public static void main(String[] args) {

        SavingAccount sac1 = new SavingAccount(5000, 1.5);

        CheckingAccount cac1 = new CheckingAccount(5000, 5000);

        //Saving

        System.out.println("-Saving Account-");

        System.out.println("Balance : "+sac1.getBalance());

        System.out.println("Deposit : "+sac1.deposit(1000));

        System.out.println("Balance : "+sac1.getBalance());

        System.out.println("Withdraw : "+sac1.withdraw(5000));

        System.out.println("Balance : "+sac1.getBalance());

        System.out.println("------------------------------------");

        //Checking

        System.out.println("-Checking Account-");

        System.out.println("Balance : "+cac1.getBalance());

        System.out.println("Overdraft : "+cac1.getOverdraft());

        System.out.println("Withdraw : "+cac1.withdraw(10000));

        System.out.println("Balance : "+cac1.getBalance());

    }

}