import java.util.Date;

public class Account {

private String A\_Number;

private double balance;

private Date dateCreated;

private String FullName;

// public double Deposit;

// public double withdraw;

// public double Checkbalance;

public String getFullName() {

return FullName;

}

public void setFullName(String fullName) {

this.FullName = fullName;

}

public Account(String A\_Number, double balance, String fullName) {

this.A\_Number = A\_Number;

this.FullName = fullName;

this.balance = balance;

this.dateCreated = new Date();

}

public double getBalance() {

return balance;

}

public void setBalance(double balance) {

this.balance = balance;

}

public String getA\_Number() {

return A\_Number;

}

public double Deposit(double Amount){

if (balance >Amount){

throw new IllegalArgumentException("Deposit Amount can't be Negative Amount. "+"before Deposit the balance is "+this.getBalance());

}

this.balance+=Amount;

return balance;

}

public Date getDateCreated() {

return dateCreated;

}

public void withdraw(double amount) {

double fee = 2.00;

if (balance >amount) {

// System.out.println("before withdrawed is :" + "$"+this.getBalance());

balance -= (amount + fee);

//System.out.println("the Balance is :"+"$"+this.getBalance());

}

else {

System.out.println("Insufficient funds."+"Your balance is:"+"$" +getBalance());

}

}

public void DisplayAccountInfo(){

System.out.println("Account Number is : "+ this.getA\_Number());

System.out.println("the name of person is : "+ this.getFullName());

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

System.out.println("date create of Account is : "+ this.getDateCreated());

//System.out.println("before deposit is:"+balance+ " ,and after deposit you are deposited your accounis : "+ this.Deposit(0));

System.out.println("you are deposited your account is : "+ "$"+this.Deposit(100));

System.out.println("you are deposited your account is : "+ "$"+this.Deposit(230));

}

}