

Extra (LAB-6)

- Develop a Java Pgm to create a class Bank that maintains two kind of account for its customers, one called Savings account provides compound interest and withdrawal facility but no cheque facility. The current account provides cheque book facility but no interest. Current account holders should go maintain a minimum balance and if the balance falls below this level, service charge is imposed

```
import java.util.Scanner;  
class account  
{  
    String name;  
    int accno;  
    String type;  
    double balance;  
    account(String name,int accno,String type,double balance)  
    {  
        this.name=name;  
        this.accno=accno;  
        this.type=type;  
        this.balance=balance;  
    }  
    void deposit(double amount)  
    {  
        balance+=amount;  
    }  
    void withdraw(double amount)  
    {  
        if(balance<amount)  
            System.out.println("Insufficient Balance");  
        else  
            balance-=amount;  
    }  
    void interest()  
    {  
        if(type.equals("Savings"))  
            balance+=balance*0.05;  
        else  
            System.out.println("No Interest for Current Account");  
    }  
}
```

```
{ balance += amount;
}
void withdraw(double amount)
{
    if(balance - amount) >= 0)
    {
        balance -= amount;
    }
    else
    {
        System.out.println("Insufficient balance, can't withdraw");
    }
}
void display()
{
    System.out.println("Insufficient balance, can't withdraw.");
}
void display()
{
    System.out.println("Name : " + name + " Account No. : " + accountNo +
        " Address : " + address + " Type : " + type + " Balance : " + balance);
}

```

class SavAcct extends Account

```
private static double rate=5;
```

```
SavAcct (String name , int accno , double balance )
```

```
{
```

```
Super (name , accno , "savings" , balance );
```

```
}
```

```
void interest()
```

```
{
```

```
balance += balance * (rate) / 100;
```

```
System.out.println ("balance : " + balance );
```

```
}
```

```
class CurAcct extends Account
```

```
{
```

```
private double minBal = 500;
```

```
private double serviceCharges = 50;
```

```
CurAcct (String name , int accno , double balance )
```

```
{
```

```
Super (name , accno , "current" , balance );
```

```
}
```

```
void checkin()
```

```
{
```

```
if (balance < minBal)
```

{

```

System.out.println ("balance is less than min
balance , service charge imposed : " + service
charge);

```

balance = service charges;

```

System.out.println ("balance is : " + balance);
}

```

{

class account_main

{

```

public static void main (String a[])
{
    Scanner S = new Scanner (System.in);
    System.out.print ("enter name : ");

```

System.out.print ("enter name : ");

O/P

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{ " go with " } nothing to do with it