

```

if (temp3 == 1) {
    s.o.p("Enter amount");
    double amt1 = sc.next Double();
    c.deposit(amt1);
}
else if (temp3 == 2) {
    s.o.p("Enter amount");
    double amt1 = sc.next Double();
    c.withdraw(amt1);
}
}
s.o.p("To continue | else 0");
temp = sc.nextInt();

```

~~3~~  
~~2~~  
~~1~~

OUTPUT

- 1- savings account
- 2- current account

Enter your name

Dhanush

Enter the balance amount

5000

Name: dhanush

Cheque service not available

Program - 5

```
import java.util.*;
import java.lang.*;
class Account
{
    public String acc-name;
    public String acc-no;
    public int acc-type;
    public double balance;
    public void getdata(String name, double no,
                        int type, double bal)
    {
        acc-name = name;
        acc-no = no;
        acc-type = type;
        balance = bal;
    }
}

class savings extends Account
{
    public void deposit(double amt)
    {
        balance = balance + amt;
        System.out.println(balance);
    }
    public void withdraw(double amt)
    {
        balance = balance - amt;
        System.out.println(balance);
    }
    public void interest(int time, int no)
    {
        double intr = balance * (1 + 6/no);
        int x = Math.pow(intr, (time * no));
        System.out.println("Interest is " + intr);
        balance = balance + intr;
        System.out.println("New balance:");
    }
}
```



```

while (type == 1 && amt < 10000);
{
    if (type == 0)
    {
        saving s = new Savings();
        s.getData(name, no, type, amt);
        s.o.p("In 1. Deposit In 2. Withdraw In 3. Interest");
        int temp3 = sc.nextInt();
        if (temp3 == 1) {
            s.o.p("Enter Amount");
            double amt1 = sc.nextDouble();
            s.deposit(amt1);
        }
        else if (temp3 == 2) {
            s.o.p("Enter Amt");
            double amt1 = sc.nextDouble();
            s.withdraw(amt1);
        }
        else if (temp3 == 3) {
            s.o.p("Enter time");
            int tp = sc.nextInt();
            s.o.p("Enter no of times");
            int no = sc.nextInt();
            s.interest(tp, no);
        }
    }
    else if (type == 1) {
        current c = new Current();
        c.getData(name, no, type, amt);
        s.o.p("In 1. Deposit In 2. Withdraw");
        int temp3 = sc.nextInt();
    }
}

```

```

class current extends Account {
    public void deposit(double amt) {
        balance = balance + amt;
        System.out.println(balance);
    }
    public void withdraw(double amt) {
        balance = balance - amt;
        System.out.println(balance);
        check(balance);
    }
    public void check(double amt) {
        if (amt < 10000) {
            balance = balance - 500;
            System.out.println("Insufficient" + balance);
        }
    }
}

```

```

class main {
    public static void main(String args[]) {
        Scanner sc = new Scanner(System.in);
        int temp = 1;
        while (temp == 1) {
            double amt = 0;
            System.out.println("Enter name");
            sc.nextLine();
            String name = sc.nextLine();
            System.out.println("Enter acc.no");
            double no = sc.nextDouble();
            System.out.println("Enter acc-type\n for savings\n or current");
            int type = sc.nextInt();
            do {
                System.out.println("Enter balance");
                amt = sc.nextDouble();
            }
        }
    }
}

```



DO you want to deposit (1 for yes  
2 for no)

1

Enter the amount to be deposited  
25000

current balance : 75000

Enter the rate of interest

3

Enter the number of times  
interest applied per time  
period

2

Enter the time elapsed

2

compound interest is 5006.25

enter the amount to be  
withdrawn

25000

withdrawn : 25000.0

current balance = 50000.0

  
16/12/20

Exce  
import java.util  
class WrongA  
String  
Wrong  
N  
3  
public

3  
class Fa  
in  
F

5  
void

Press

1. if your account is savings account

2. if your account is current account

1

Cheque Facility not available

Enter customer name

Dhanush

Enter Dhanush's account number

345

Enter balance amount

6000

Customer Name:Dhanush

Your account number:345

Your Account Balance:6000.0

Press 1 to deposit

1

Enter amount to be deposited

300

Enter rate of interest

4

Enter number of times interest applied per time period

4

Enter number of time periods

4

Interest amount=1087.2454630193024

Balance amount without interest is6300.0

Available balance after updating is7387.245463019302

Press 1 to withdraw amount

1

Enter the amount to be withdrawn

500

Available Balance:6887.245463019302