

* LAB - 5 :

```
import java.util.*;
```

```
class Bank {
```

```
    BankID; }
```

```
    Scanner B_inp = new Scanner(System.in);
```

```
}
```

// Amount Class

```
class Amounts extends Bank {
```

```
    int A-no;
```

```
    String A-name = new String();
```

```
    int A-aatype;
```

```
void getData() {
```

```
    System.out.println("Enter Name");
```

```
    A-name = B_inp.nextLine();
```

```
    System.out.println("Enter Aatype");
```

```
    A-aatype = B_inp.nextInt();
```

```
    System.out.println("Enter Account Number");
```

```
    A-no = B_inp.nextInt();
```

```
}
```

```
}
```


SaveClass

class SaveAcc extends Account {

double Bal;

int interest = 3;

void getDeposit(int Depo, SaveAcc ob) {

ob.Bal = ob.Bal + Depo;

System.out.println("The Balance amount
after deposition is : " + ob.Bal);

}

void getBal(SaveAcc ob)

{ if (ob.Bal >= 500)

System.out.println("The balance amt is " + ob.Bal);

}

else {

System.out.println("you don't have minimum Bal");

ob.Bal = ob.Bal - 10;

System.out.println("your Balance after deduction
of charges is " + ob.Bal);

}

void getBalInterest(SaveAcc)

{ ob.Bal = ob.Bal + (0.03) * ob.Bal;

System.out.println("The balance amt is " + ob.Bal);

}


```
void getWithdrawal(SaveAcc ob, int withDr) {  
    if (withDr <= ob.Bal) {
```

```
        ob.Bal = ob.Bal - withDr;
```

```
        System.out.println("your current balance  
is " + ob.Bal);
```

```
    } else {
```

```
        System.out.println("Insufficient  
balance");
```

```
    }
```

```
void getAccInfo(SaveAcc ob, String Name, int No) {
```

```
    System.out.println("your Account Details are:");
```

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

```
    System.out.println("AcNo: " + No);
```

```
    System.out.println("AcType: Savings  
Account");
```

```
    System.out.println("current balance" + ob.Bal);
```

```
}
```

```
}
```


Cur class

```
class CurAcc extends Account {  
    double Bal;
```

```
    void getDeposit (int Depo, CurAcc ob) {  
        ob.Bal = ob.Bal + Depo;  
        System.out.println ("The Balance amount  
                                after deposition is " +  
                                ob.Bal);  
    }
```

```
    void getBal (CurAcc ob) {  
        if (ob.Bal >= 5000) {  
            System.out.println ("The balance  
                                amount is " + ob.Bal);  
        }
```

```
        else if (ob.Bal < 5000 && ob.Bal != 0) {  
            ob.Bal = ob.Bal - 20;
```

```
            System.out.println ("you dont have  
                                minimum Balance");
```

```
            System.out.println ("The balance amount  
                                after the charges deduction  
                                is " + ob.Bal);  
        }
```

```
    void getWithdrawal (int withD, CurAcc ob) {  
        if (withD <= ob.Bal) {  
            ob.Bal = ob.Bal - withD;
```

```
            System.out.println ("Your current Balance  
                                after withdrawal is " + ob.Bal);  
        }
```

```
        else {
```

```
            System.out.println ("Insufficient Balance");  
        }
```



```

void getAllInfo (currAll ob, String Name,
                int No) {
    System.out.println ("your Account Details are");
    System.out.println ("Name" + Name);
    System.out.println ("AccNo" + No);
    System.out.println ("Acctype : " + currAll.ob.Acctype);
    System.out.println ("Current Bal : " + ob.Bal);
}
}

```

```

Public class App {
    public static void main (String Args[]) {
        Scanner M-inp = new Scanner (System.in);
        System.out.println ("Please Enter");
        Account A1 = new Account();
        A1.getAccount();
        if (A1.A-acctype == 1) {
            Savings A1 = new Savings();
            for (;;) {
                System.out.println {
                    "1. Deposit\n 2. Balance\n 3.
                    Withdraw\n 4. Bal with interest\n 5.
                    show info\n Any key to exit ";
                int c = M-inp.nextInt();
                switch (c) {
                    case 1: System.out.println ("
                        Enter amt to be Deposited");
                        int Depo = M-inp.nextInt();
                        A1.getDeposit (Depo, A1);
                        break;

```


break;

case 8:

system.out.println("Enter the amt for
withdrawal");

int withWD = M.map.noOfWDs();

s1.getWDWDamt(s1, withWD);

break;

case 11: s1.getBalIntus1(s1);

break;

case 15:

s1.getAACinfo(s1, s1.A-name,
A-no);

break;

default:

system.exit(0);

break;

}