```
import java.util.Scanner;
class Bank {
    public static void main(String args[]) {
        boolean nxt=true;
        Scanner sc=new Scanner(System.in);
        while(nxt) {
            System.out.println("Enter 1 for 'Savings Account'");
            System.out.println("Enter 2 for'Current Account'");
            System.out.println("Enter type of account");
            int n=sc.nextInt();
            String s=sc.nextLine();
            if(n==1) {
                Sav acct ob=new Sav acct();
                System.out.println("Enter name");
                ob.name=sc.nextLine();
                System.out.println("Enter acc number");
                ob.accno=sc.nextInt();
                ob.acceptBalance();
                ob.display();
                ob.compute();
                ob.withdraw();
                ob.chqbk();
            }
            else {
                Curr acct ob=new Curr_acct();
                System.out.println("Enter name");
                ob.name=sc.nextLine();
                System.out.println("Enter acc number");
                ob.accno=sc.nextInt();
                ob.acceptBalance();
                ob.checkmin();
                ob.display();
                ob.withdraw();
                ob.chqbk();
            }
            System.out.println("Enter 1 for next customer, 2 to end");
            int c=sc.nextInt();
            if(c==1)
                continue;
            else
                nyt-falco
```

```
}
            System.out.println("Enter 1 for next customer, 2 to end");
            int c=sc.nextInt();
            if(c==1)
                continue;
            else
                nxt=false;
            }
        }
class Account {
    String name;
    int accno;
    String acctype;
class Curr_acct extends Account {
    double balance;
    void acceptBalance() {
        Scanner sc=new Scanner(System.in);
        System.out.println("Enter deposit amount");
        double d=sc.nextDouble();
        balance+=d;
    }
    void display() {
        System.out.println("Balance:"+balance);
    void withdraw() {
        Scanner sc=new Scanner(System.in);
        System.out.println("Enter amount to withdraw");
        int w=sc.nextInt();
        balance-=w;
        System.out.println("Balance:"+balance);
    void checkmin() {
        if(balance<500){
            balance-=50;
        System.out.println("Service charge of Rs.50/- has been imposed");
        System.out.println("Balance after deduction:"+balance);
       else
        return;
```

```
else
        return;
    void chqbk() {
        System.out.println("Name:"+super.name);
        System.out.println("Account Number:"+super.accno);
        System.out.println("Balance:"+balance);
        System.out.println("Account type: Current account");
    }
class Sav_acct extends Account {
    double balance;
    void acceptBalance() {
        Scanner sc=new Scanner(System.in);
        System.out.println("Enter deposit amount");
        double d=sc.nextDouble();
        balance+=d;
    void display() {
        System.out.println("Balance:"+balance);
    void compute() {
        Scanner sc=new Scanner(System.in);
        System.out.println("Enter Duration in months");
        int n=sc.nextInt();
        balance+=(0.025*n);
    }
    void withdraw() {
        Scanner sc=new Scanner(System.in);
        System.out.println("Enter amount to withdraw");
        int w=sc.nextInt();
        balance-=w;
       System.out.println("Balance:"+balance);
void chqbk() {
        System.out.println("Name:"+super.name);
        System.out.println("Account Number:"+super.accno);
        System.out.println("Balance:"+balance);
        System.out.println("Account type: Savings account");
    }
```

```
C:\Users\PUNEETH K\Desktop\JAVA\LAB Programs>java Bank
Enter 1 for 'Savings Account'
Enter 2 for Current Account'
Enter type of account
1
Enter name
puneeth
Enter acc number
125
Enter deposit amount
125000
Balance:125000.0
Enter Duration in months
16
Enter amount to withdraw
23456
Balance:101544.4
Name:puneeth
Account Number:125
Balance:101544.4
Account type: Savings account
Enter 1 for next customer, 2 to end
Enter 1 for 'Savings Account'
Enter 2 for'Current Account'
Enter type of account
Enter name
puneeth
Enter acc number
152
Enter deposit amount
152000
Balance:152000.0
Enter amount to withdraw
32654
Balance:119346.0
Name:puneeth
Account Number:152
Balance:119346.0
```

Account type: Current account Enter 1 for next customer, 2 to end

```
LAB-5
=> using A Bank day to derive sourings and well our
     import java · util · Scarner;
        Clau Bank &
              public static void main (String aug []) {
                   boolean nxt = true
            Scanner se = new Scanner (System in);
             while (nxt) &
              System out paintly (" Ecntr 1 for Scaring Account");
             System out puint lu C'Enter 2 for 'Current de court')
       Sydem out print lin l'Enter the type of account");
          int n = Sc. next Int ();
          String s = sc. next line();
            y(n==1)4
  Sav-acet ob = new Sav-acet ();
              Sydem. Out. printler ("Enter name"),
             ob name = sc. next Line ():
              Sy dem out print la ("Enter account number")
              ob. acono = sc. next Int():
                                  obaccept Balante ();
               ob. displaye);
               ob. Compute();
               ob. withdraw ():
           du 4
             Com-out ob = new au aut ()
            System. out. println (" Enter Name");
           ob. name = Sc. next line();
           Sy et cur. out print by ("Enter ere number");
             ob. acc no= Se. next Int ();
```

```
ob- arrest Boloner ():
 ob. chukenin ():
  ob-displaye):
  ob-withdraw();
System out paintle ("Entil 1 for next contoner, Entel 2 to end");
   at c = sc. next let();
    i ((==1)
        continue;
         nxt=falle;
 class Account &
     Being wans?
        int auno;
        String outype:
   class Euserant extends Account &
    double belong;
    Void ourept Balance (){
      Scanner SC = new Scanner (Syctem in);
      System out paintle ("Enter déposit amount");
     double d = Sc. nextDouble();
        balance += d;
      void display(14
          System. out. print lu l'Balance: +balance");
      void wattdiam (18
         Scarrer sc = new Scarrer (System in);
          Syden out paintly ("Enter the amount to withdraw");
      int w = Sc. next Int ().
        System and . printler ("Balance + balance); }
```

```
Jud chekmin()4
       if (balance < 500) 4
             balance -= 50;
System ent print lu ("Service charge of Rs. 50/- hou been imposed");
 Sy dem out paint lul" Balance after deduction: "+ balance);
   selure;
  void chapte ()4
      System. out paint lut "Nouve: "+ super nauve);
   System. out. printler ("Account Number: "+ Super. accent);
   System. out println ("Balance: "+ balance):
 Sy it em. out. printle l'Account type ! convent account);
 class Sow-aut extends Account?
       double balance;
        void ampt Balance () (
          Scanner 31 = new Scanne (System an);
  System. out. print la l'Enter déposit au aunt ");
      double d = Sc. nextParble();
        balanut = d;
   void display() {
     Sydem. ondeprintle ("Balance:"+ balance);
    void compute () {
       Scanner Sc= new . Scanner (System . in);
    System and print la ("Enter duration in monthy");
        int n = Sc. nextInt();
          balance + = (0.025*n);
```

```
void withdraw() 9
     Scanner sc= new scanner (system.in);
  System out printly ("Enter amount to withdraw");
     int w= sc. next Int();
        balance - = w;
      Syden. out. printly ("Balance "+ balance);
    void charbk() 4
          System out printly ("Name: + super name);
          Sy dem. out printer ("Account Number." + Supres. accus);
        System. out. printler ("Balance: 4 balance);
        System out printent "Account type: Savings account");
 Out pul:
Enter I for 'Saving Account"
Enter 2 for 'current Account'
Enter type of account
 INa name
 Puneith
 Inter aucunt number
  125
  Enter deposit amount
  125000
  Balance: 125000.0
  Enter Duration in month
   Eners amount to withdraw
   23456
   Balante: 101544.4
   Noune: punelly
   Account Number: 125
```

Balance: 101544.4

Account type: Savings Labourt

Ente 1 for next constance, 2 to earl.

-1

Enter & for Savings Account

Enter 2 for Current Account

Enler type of audust

Enter Name

purette

Enly acc number

15 2

Enter deposit amount

152000

or 1 mod to high manual of what may a long Balance: 152000,0

Enter currount its ulthous

32654

Balance: 119346.0

Name: Puneeth

Account number: 152

Balance: 119346.0

Account type: current account

Enter 1 for next continue, e to end