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in port java. util
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BANK ACCOUNT

```
class Account

E

private Stray name;

private double account-no;

private char account-type;

private olouble balance;

ivoid getdata (char ch)
```

Scourner un= new Scourner(Systeen.in); Systeen.out. priet ("Enter the name of the costance:"); name = nr. next();

system. out. priet ("Enter the account number of
the costonesi");

Eystern. over. prietln ('Enter ker balace of ker customer: ');

balace = nr. nextDouble(); ciccount-type = ch; void updatebalance (double n)

E balance = balance + n j

```
void updat bulence 1 (doubles)
  balance = balance - n;
 double get balone ()
  return bælandi,
  ivid displaybalance()
    System.out.priet. (The balance 13:"+ 6 alance);
 class Saving-Account extends Account
   ¿ private double interest-rute;
     Saving-Account()
      Secures. un = new Scarner (System. in);
      getdata ('5');
      System. out. printles ("Enter the interest
                          rate: ");
      interest-rate= nn. next Double();
```

```
void getcleposit()
  Scaenanu= new Scanner (Systemin);
  System. out. printlu ("Enter the amount to
                    be deposited: ");
   double n= nu. nextbouble();
  updatebaleurce(2),
  void compute interest()
    double n = (getbalance() * interest-rate)/100;
    ipdatebalance (n);
    System. Out. priedly ("The promputed interest
                         is:"+20);
     displaybalance ();
    void withdrawl()
      System. out. print l'Enter the amount to be
                        ·withdrawn:");
      Scenner & 22 = new Scenner (System.in);
       double n= nu. next Double ();
      culile (n) get balance ())
       System out printles (" for amount cultholsous
                          is now than the balance
                          enter agalui! );
        u= nu. nxt Double ();
```

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update bakuala);
display balance ()
das Carrent Account extends Account
à private double une balance;
  private inteluque_book;
   Current = Accoud()
    Scame un= new Scaener (Systew.in);
    getduta ('C');
    System out priester ("Euter the minimum
                        bulance: ");
    min-balana = un. next Double ();
 void getlyps/10
    Scaunes mu = new Scauner (System.in);
    System. out. prietles ("Enter the curount to
                     be obsposited: ");
    double no new next Double ();
    upoleta balanci (10);
   void issurchuck()
     Scarrer un = new Scamer (Syptem. in);
     System out priet ("Enter the amount of the
                      chuck ")"
     double me may new Double ();
```

```
if (n> (getbalenal)-minbalona))
System.out.prietles("You have issued chuch
                 of more know the minjunceer
                balance and you have been
               charged the percelly of 100 repens");
     upilcetebalanal (100);
  update salana 1(2);
display balance ();
void withdrawiel()
 Siptem.out, prieten ("Earter the cenant to be
                   withdraw:");
 Scanner n n= new Scaund (System.in);
 double n= nu. next Double ();
 while (x) (getbukeral)-mar bakeral))
   Systemout prothe ("Ke amout withdrawn is
                                       enter agains).
                 wor than the balance
    neux metDouble();
  update balant (0);
  disposperlanu(),
```

```
Class Account Main &
 Dublic static void under (String [Jergs) {
  Scarner input = new Scarner (System. in);
 Charch;
  System.out. printles ("Enter to type of account you
                   cunt (c/s).");
  ch = input next (). chor At (0);
  if (ch=2 '5' 11 ch== '5')
    Svaviey-Account 5= new Sowiey-Account();
     est n=1;
     while (21=0)
     System.out-prietler ("Enter O for exit: ");
     System.out.pritle ("Enter I for ohpositi");
    Sipter.out.prctlu ('Enter 2 for balance empiry')
    System.out. prietles ("Enter 3 fto calculate interes"),
    System.out.pr/the ("Enter 4 for withdrawed?");
     n= input mx FXYlut();
     if (n==0)
      brucke)
      els if (n==07)
      5- get deposit())
      elsn is (n== 2)
      5. displaybalance ();
      els is (n==3)
       5. coupeticisterest();
      else is (n== 4)
       's withdraw ();
```

```
efse
 Eurent-Account 3= new Current-Account();
  ur 2= 11
 white (n=0)
  Systemout prietle ("Eater Ofor exit: ");
  Syptem.out.prietler ("Entre 1 for deposit:");
  System.out. prietle ("Eater 2 for balance enquiry:");
  Sipker out priether ("Ente 3 For apply for chique:").
  Siplen out polither ("Center a for withohravel:");
  n= input. next lut();
  dow is ( n==0)
     breaki
  elsa if (n==1)
   S. Silcliposit);
   els if (n== 2)
   5. displaybaland();
   elsn if (n==3)
   Sissuechelk (),
   elsn i) (2==4)
    5. withdrawl();
```