Develop a Java Perogram to coreate a close But maintains theo kinds of account for its customery to called savings account and the other amount arount savings account perovided compound interest and but facilities but no cheque book facility.

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C. mintoura ();

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i mport
       Java. util. 12;
      jaka lang. Math;
import
                              to man I lond -
      bank [
class
 Scanner Sc = new Scanner (System. In):
  String name's
  int acc_no;
   float bal, Si;
   Void accept () {
    S.o. P ("Enter your name");
    nane = Sc. next line ();
     5.0. P (" Enter the balance amout");
     bol = Sc - mext. Float ();
                           () procedulines how
    void display () {
    System. out. Devather ["Name: "+rame);
                       Manufacture 152 2 Lan
                             (Lodg ton) be
   Void deposit () ?
                     C . C ( Balance in
    float amount;
   int choice;
    5.0. Pl"Do you want to deposit (1 for yes, 9 for
   Choice = Sc. next Int ();
     if (chaice = = 1) {
      System. S. O. Pol"Enter the amount to be deposited);
          amount = Scincot Float ();
               if Camount > ball &
              S.O.P / "Amount in bank insufficient");
```

```
else
 bal = bal + amount ;
5.0. pl"avoient balance: "+bal);
Class envent extends bank &
  int service - fre = 50;
    Void cheque () {
    S. O. P ("cheque service available"); ?
void with drawal () &
   float ant;
    S. o. P ("Enter the amount to be with
    ant = Sc. nextFloat ():
    if (amt 7 bal)
      S.O. p ("Bolance insufficient");
    else l
    bal = bal - ant;
       if (bal < 1000) }
       bul = ball - Service - free;
    s.o.p ("5088 in faken as service pri")
  S.O. P ("withdrawn: "tant);
  9.0.P ("avrout balance: "Hal);
```

```
class saving estends bank of
void cheque () - ke ()
 5.0. P. L' Cheque service not ata available");
          illothers con = 1 files becard
Void withdraid () of
 float anti 11
   System out point on (" Enter the amount to be
                             withdrawn");
    amt = Sc. nextfloot ();
     if (ant > bal)
      System. out. perintha ("Balance unsufficient");
 else
                        il pelped tido
                      illograb of ide
   bal = bal -ant;
       S.O. p (" withdrawn: "tant);
       5. D.P ("current balance: "+bal);
 void interest () of
    5.0. P/ Enter the grate of interest");
     int T = Sc next Int();
     5.0.9 ("Enter the number of times interest applied
per time period");
     int n = Sc. most Int();
     5.0.P (Enter the time elapsed");
     int t = Sc. next Int();
       5: = bal* (1+(r/n));
        COD ( "compount interest is " + ( Math. pour (Si, N° +)))
```

```
Class account of
   Public static void main (Storing ays [7) ?
     Scouner Sc = new Scanner ( system-in);
       Saving obj 1 = new Savings ();
       avoient obj 2 = new avoient();
         S. O. P (" In1. Savings account no. word ac
        int chaice = Sc. next Int();
         Switch (choice) &
     Care 1:
         Obj 1. accept (); 8 milion has ass
         obj # · display ();
         obj 1. chequel);
         ob; 1. deposit();
         obj 1. interest ();
         obj1: withdown ();
           break;
    case 2:
           ob; d. accept ();
            obj 2. disploy();
bidge bank
           obj 2. cheque ();
            obj 2. deposit ();
            obj J. withdrawd ();
            break;
```

default: 5.0. p ("Imalid choiæ");

