Develop a jave program to execute a class Bank that maintains two kinds of account for its customers, one called scavings account and the other culled current account. The savings account provides compound interest and withdrawal facilities but no cheque book facility. The current account provides cheque book facility but no interest Curent account holders should also maintains a minimum balance bif the balance falls below this level, service charge is imposed.

import java-util Scanner;

class Account &

int accino;

string type;

double balance;

Account (string name, int accNo, String type,

this name = name;

this accNo= accNo;

this, type, = type;

this balance = balance;

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roid deposit (double ant)?

balance = balance + amt;

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void withdraw (double ant) { if (balance cand) { systemicut, printin ("Insufficient salve baknes = balance - amt; wid display()? System.out println ("wame:" + name+ \* It Armety " + are No+ " It Account Type " "+ type + " VEaken +balence); class savings acc extends Account & private static double rate = 2.5; + 90 Sourge ace (Ging name, int acello, double before uper (name, ar No, "savings", balance); word collet () + 11 biox double interest = (balance \* 1" rate)/100; Systemout printing " Interest 11" + Interest);

doss Eurort acc extends Accounts privade double minBal = 500; private double scharger = 50; current-acconing int accono, " unaverable busconce) { suppr (name, auno, "current", salance); void check bal () if (balance & minBal) System out println (" Insufficient Balance"); balance = balance - s. charges; system. out. println(" balance = "+ balance); public dass Banks public static void maio (string args [])} string name; int AccNo; String Type; double init ball; Scanner s = new Scanner (System. in); System out printin ("Enter Customer Name :"); name = s.nextline (); system out println (" Enter Account No. "); Acc No = s . next Int (); System outoprintln ("Enter Account Type:");

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Type = S. next();
     System out prints (" Enter Indial Balance:");
     init bal = s. next Double ();
      double ant;
      Account a new Account (name , Arc No, Type, init ba)
      Savings acc sv= savings acc (name, Acc No, init bald)
      comentance ca = (arrent accil name, Acc No, init bal);
      while (true) §
        if ( Type, equals Ignore (ase ("savings")) }
           System. out println (" --- MENU --- ");
           System.out.printles (" Foley 1: Deposit z: withdraw
           3: Interest: 4: Display Details 5: Exit " 21
           int ch = s nextint();
           guitch (ch) &
                system out println ("Enter The Amount :");
                amt = s. next Double();
                a. deposit (ant);
               break ; was prous site
               System out printly (" Fifter the aithdrawing
               amount");
               ant = s.next Double ();
               a withdraw (ant);
              break;
             cose 3: 1/ older
                sy calInt ();
              A break;
a display();
```

break;

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ecose, 5:
     sustemme exit (0);
   default!
     System out printle ("Involid choice");
alse &
 System.out, println (" --- MENU --- ");
 System, out print in (Fater 1: Deposit 2: Withdra
  3: Display"):
  ch = So next Intil
  -switch (ch) }
    case 1:
       system out printin ("Enter the amount : ");
        amt = s. next Double ();
        on deposit (ant);
        break;
     case 2:
       System out printle ("Enter the amount :"):
        amt = s. next Double ();
       ea. withdraw (amt);
       ca, check-bal();
       breaki
     case 3:
        ea.display ();
        break; 10000
     rase 4:
         system.exit(0);
System cout. printla ("Sanketh M Hanasi 18M220020)
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Output:	(6) +1x 1 +000 202
Fater the name!	· 3106916
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	. (9)014219 20 - 10
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4 : Display S: Exit	
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4: Diplay S: Exit	
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