LAB-PROGRAM S import Java with " days account of string customer - name; but account number String account - type class curr acct esclands account of Scanner = new scanner (system.in) double temp = 0.0; double amount = 0.0; double fine = 0.0; double min amount à 1000.0; Void jet details () customer - name = x - next line (); account = number = x. next Int 1). void deposit () System. out. point (" Enter the deposit amount: temp = x. next Double () amount + = temp; void show balance () } if (amount > = min \_amount) of system. out printly (4 Balance is : 4 + amound). else fine = ( amount + 1.0 + 10) /100; amount = fine.

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system. out. println ("the fine imposed:" + fine);
system. out. printlin ("Ratance in : " + amount);
4
void withdrawal ()
System.out. print (" Inter the with drawal
amount:");
temp = x next Double ();
amount = temp;
4
4
class sav_acut extends account of
Septemo Scanner x = new Scanner (System-in);
double temp = 0.0;
double amount = 0.0; double interest = 0.0;
void get details () {
customer = name = x ment line ();
a crount _ number = x next Int ();
2,
void deposit () {
Court point (a Enter the deposit amount.);
temm = x next pourus )
amount + = temp;
4

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void show balance () of System. out. printin ("Balance is: " + amount) void withdrawal () of System. out. print ("take the with drawal amount:"). temp = x next Double (); amount = temp; Void interest () Intrust = (amount \* 1.0 \*3)/100. amount + = interest System.out. Printly for interest added: "+ interest). system out printly ("Balance in " + amound); public day - Main of public static void main (thing 1) args) { int opt = 0; String type = noll. Scanner x = new scanner (system in) System.out. println /4 wedcome to the bank service ?); System out printly ( Enter the type of account ( curr\_acct ) sav\_account )" type = x ment line ();

if ( type equals (" mur acut")) } curriacet a snew curraquel () System-out- pointly ( I Enou the customer name account number : "); a get details (); while (true) of System. out - printly ( 1 press 1: Accept deposit and update the balance n); System. out. printly (" press 2: Display the System out print h ("press 3: with drawa) and opdate the balance"); system. out print (" Enter option:"); -opt = x. next Int (); switch (apt) ig ... case 1 : a. deposit (); · op a.s holobalance (); break case 2 = a show balance (); breile; (ase 3 : a. withdrawall) - a show balance (): break;

If (type equals ("sale a cut") ) of sav = acct a = new sav acct () System-out point in ( Enter the customer - name account number:"); a-get details (); while (true) of System out printly /" press 1: Accept deposit and update the balance"); System out printly 1 press 2 . Display the balance System.out. println 17 press 3: compete and deposit interest"); System out. println (" press 4: withdrawal and update the balance"): System. out. print (" Enter option: 1); ort = x-next Int (); switch (opt) & cose to a deposit (); a. showbalance (). break; case 2: a. showbalance (); break : case 3: a intuit () a. Showlalanie () breakcase 4: a withdrawal (); a. show balance (); y break , 3. 4 4.3

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