Lab-S Bank Inheritance. import jana. util. Scanner; class Account { Steing cust name, type; long account num; double balance; boolean check-bopp; Static double min=500,0, gercharge Scanner SS=new Scanner (System. in); System out printly ("Enter rame:"); cuet-name = SS. neut ('ne()); Septem. Out. frith ("Enter the account account num = SS. Ment long (); Lystem. Out. Println("Enter the balance balance = SS. neut Double (); Void display () {

System-out. Println(" Customer name: "

+ cust name);

System out println ("Account number: ";

System out println ("arrent Balance: "

4 accord balance);

9 Class Sarrys entende & ccount & ?

Class Sarrys entende & ccount & ?

double interest, rate = 0.03, withdress;

int n, time;

Scanner 85=new Scanner (System in);

Scanner 85=new 4128 void calc_interest() { System. Out. frintln (1'Enter the time in years: 1'); time = SS. nent Int(); Souten Out De 111 System. Out. Println (11 Enter the number Origounded: 1); n = SS. nentInt();

interest = balance * (Math. pow((1+frate(n)));

balance t = interest;

System. out. printen ('The interest amount

is: 'I + interest);

System out. printen ('The balance after

calculating interest is: "I + balance); void withdrawal () { System out frith ("Enter the amount to be withdrawn: 12); withdraw-ant=85. (Inent) ouble 1) else ; f (balance > withdraw ant) System. out. printen (" Bo Balance

System, out printer ("The total balance); void penalty () {

if (balance of sun) } System. Out frinten ("The balance amount after the penality: "Hoday". System out, println ("No penalty is imposed!"); class Current entends Account & Scanner 85 = new Scanner (System in); double deposit; void getdeporit () { System. out - printly ("Enter the amount to deposited! "); deport = ss. nent Double (); balance + = olepori +; Septem out println("The total balance after deposition is: "I balance); Void penalty() { if (kalance < min) {

kalance - balance - sercharge;

System. Out . ferrtln (1'The balance

canount after the penalty: "+ penalty);

g else Lyefen. Out. printly (11 No penalty was imposed.");

