Lab Program 5 import jana util Scanner; abstract class Account String aut name; Long acc_no; Steam acc_type; double balance; double min - bal = 1000.0; Account (String aust-name, long acc_no, String acc_type, double balance) this cust name = cust-name, this. acc_type = acc_type; this. belance = balance; abstract void deposit (double amount); abstract void disflay (); abstract void withdraw al (double amount); class Curr-act entends Account double penalty = 100.0; Curs-acct (string cust name, long acc-no, Storing are type, double balance). System out printly ("Account Number: "+ acc no);

System out printly ("Account Number: "+ acc no); Septem, out, println ("Account type:" + acc-type);
System, out, println ("Balance": " + balance;
3 word deposit (double amount) this, balance = this, balance + amount; woid with drawal (double amount) this, balance = this, balance & - comount; imposepenalty (); System, out. Strintly ("The everyent balance is" + balance); noid imposeperatty () if (this balance & min-bal) this balance = this balance - penalty; System out printly ("The balance amount is in sufficient, the penalty imposed = 100K"); System out printly ("Balance is: " + this balance); class San_acct extends Account Son-orcet (Stering cust name, long acc. no, String acc. type, double balance)

System out printly ("Name of the customes:" + aut - name word deposit (double amount) this bolance = this balance + amount; interest (); noid interest () Joan ci = [float) this. balance * math. pow (1+ rate/100,0, time) -this. balance); System out printh & this balance = this balance + Ci; wid withdrawal (double amount) this balance = this balance - amount;
System, out priently (The current balance);
wid display () wid d'esplay () 3 System. out, printly ("Balance is" + this. balance);

Class Account Marin public static noid main (String [] args) Seannes XX = new Seannes (System.in); Pouble amount; unt flag 20; wehele (flag 20) System. out. printly ("Enter type of Account: In

1. Coverent account In 2. Savings account");
int choice = xx. next Int();
switch (choice) Corse 1: System out printly ("In Current Account: In)
System out printly ("Enter the name of account holder"); String f = xx. next ();

System. out. perintln (" Enter the account number");

long g = xx. next long();

System. out. perintln (" Enter the balance I amount");

anount");

double h = xx. next Double();

Curract c = new Curr_acct (f, g, "(worent", h);

int 18201 = 0; int flag 1 = 0; while flag 1 = =0). System. out. printh ("Enter your choice In 1: Deposit amount In 2: Diplay Balance In 3: Withdraw");

surt choice 1 = xx, next Int (); Spritch (choice) System out . printly ("Enter agricult to be amount-xx: next Double (); . deposit (amount); display (); System out printly ("Enter amount you with drew"); amount = xx, nent Double (); c with drawal (amount); break; default: break; System out printly ("Enter the name of the String p = XX. nent ().

System. out. println (" E long q = xx. nentlong

Date ___ /__ /_ System. out. printly ("Enter the balance amount");

Sour acct S = new Source acct (P19, "Sourings", 1); System. out. println ("Enter your choice In 1: Deposit amount In 2: Display Balance In 3: With draw"); ent choice 2 = xx. next Intl); Switch (choice 2) Caje 1: System. out. println ("Enter amount tobe amount = xx, nent Double (); S. deposit (amount); break; s. display (); break; System out println ("Enter amount you want to withdraw :"); s. withdrawal (amount); break; Page No.

