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( 2000 [ ] in [] river bio it's in Andej Prasad
Lab 5- program
                                                   18m19CS194
import java. util. "
import java. lang. +;
class Account ?
   String name, abc;
   ink ace No; Onecon
   char acc Type;
   Some all positions to gover tisogens aldurable
   Scanner in = new : (" traged . 1") retries to make
    Scanner C System Cine Balgilas son 5 0 march to media
                System out outline 3 Issue Chaque "I]
 void input _ data () & (" Jix3 . H") altring two warns
    System. out. println ("Enter your account-type (S/c1:");
         abc = in next Line ();
        actype = abc. char Arlo);
  void deposit () & | () enound - lead to il enou
    System out - print by ("Enter an amount to deposit: ");
       deposit = in next Double ();
      bal + = deposit;
      System out println ("Balance has been updated. "?;
  soid vois_balance () &
   System . out . printly ("Balance = " + bal);
```

```
public static void main (String [] args)
     Scanner S= new
     Scanner (System in );
     int x;
     Account a1 = new Account ();
    al input - data ();
     ig (a1. acctype == 'c' | 1 a1. acctype = = 'c') }
     Current a2 = new Current ();
     do ¿
     System out print in ("Welcome to your current Account ");
     System.out. println ("1. Deposit");
     System. out. prints (" 2. Check Balance");
     System . out. println ("3. Issue Chaque ");
     System . out . println ("4. Exit"); 30 old langue how
     System out printer (" Enter your chaice ");
      x = s. nextint();
      switch (x) { (0) 40 more special
       lase 1: a2. deposit ();
       break;
       case 2: a 2. check - balance (); I desograte brown
ic " . I break in toward no restry of thing two energy?
       Case 3: a2. issue - chaque ();
       break;
                              : though = + lod
  Case 4: System exit 60); I alway to mary?
       break;
      defaut :
                ( lod + " - washed ") allowing the metapo
      System. out. print la (" Erron, Irwalid Choice");
```

9 while (x <= 4 44 x>=1);

```
esse is (a1. acc type == 's' | a 1. acc type == 's') {
     Savings a3 - new Savings ();
     dof
         System out printly ("Welcome to your savings Account");
         System out print In (" 1. Deposit ");
          Sys tem. out. println("2. View balance")
          System. out. println ("3. Withdraw").
          System out printly ("4. Calculate Compound interest?);
          System. out. println ("5. Exit");
         System out println ("Ender your choice: ");
         x= 3- nextln+();
          Switch (x) & 1) state Officer on a
          case 1: a3. deposit (7; 3 ( doc tours
          breakling herselvered I sound ") relaining to most
           Case 2: a3. check_balance();
            break; withdraw balance
            coul 3: a3. risine _ cheque (); months and alor
            break; and and week Tolonia.
            Case 4: System. ext (0); a3 compute_ (1();
            break;
            default: System. out. printin ("Erron. Invalid Choice")
             Case 5: System. exit (0);
Adl-1960el
             break, Idolinus
            default: System out printer (" Error . Invalid choice");
 y while (x <= 541 x>=1);
     System out printle ("Invalid Account type");
```

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class Current extends Account &
     al active == 5'11 at out the == 3'15 () framu
     System out printle (" Enter your name:");
      name = in. nextline (1;
     System out printles ("Ender your Account number:");
         acc No = win-next Int () jugar 1 1 Intring to a sign
        deposit (1; " souled ciel - 5") officery two and
      double org amount; he will the meters
      void like - cheque () Elles . 3") religing to may
     System . out printly ("Enter amount for which cheque is to be
     issued . "1;
     theges cha_ amount = in. next Double (); ()
      if (chq = amount >bal) &
    System. out. printer ("Error ! Insufficient balance in account.");
    else {
     bal = chq - amount;
     System. out. println(" Cheque has been issued successfully");
   void check_balance C12 allows to make the
    4 (pag < 1000 ) &
    System. out. printly ("Current available balance is lesser- tran
minimum regiured balance 7);
    bal = 100;
    System · out pountly L'Service thange of Rs. 100 has been deducted
  from your phone balance ");
        de Egrem out printer (" loughed Ausur Hype");
   View - balance 1);
```

```
class Sovings extends Auount &
  double (1, withdrawal_amount, time;
 Savings () {
  System out printly ("Enter your name: ");
  hame = in nextline ();
  System.out. prints ("Enter your account number.");
   acc No = in next Int ();
   deposit(1;
 void compute_c1() {
   System. out. printly ("Enter time period:");
  time = in next Int ();
   (1= bal * Malh. pow (1+ (0.08/12), 12 +-lime) - bal;
   System. out. println ("()=" + (1);
   balt = clj
   System out pronth (" (1 has been deposited ");
void withdraw_balance () {
 System. but prinkly ("Enles the amount you want to withdraw: ");
 Withdrawal _ amount = in . next Double (1.
  if (widhdrawal _ amount > bat ) &
  System, out. printle (" Error! The entered amount is greater than
       available balance ");
  else &
  bal = withdrawal _ amount;
  System. out printer (" Amount has been successfully withsown ");
ş
```