AVIRATH - HEGDE - 1BM19(5195 LAB-5 import java util". import java lang math class Account E Stuing name; int actino; Charteype; double balance. double dep . boolean cheq; void get (char c) -type = c; if (c== 's' 11 C== 's') Cheg = false else Cheg = time Scanner Sc= new Scanner (System. in) System out paintln ("Enter your name"). name = Sc.nextLine(); System. out-paintln ("Enter the account number"); actno = Sc-next Int (); System. out puintly (" Enter the current available balance in your account"). Balance = Scinest Double (): voida puta()

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System. out. println ("Account debails");
     System ow. Puintlal" Name: "+ name).
    System. out : puintln (" Account number: " + acet no);
   System out println (" Account type: "+ type);
   System out puintln (" balconce." + balance);
    Void dep()
      Scanner SS = new Scanner (System.in);
     System out puint la (" Enter the amt to be deposited"),
      dep = Ss. next Double ();
      balance = balance + dep
      System. out. puintln (" Amount has been deposited and balance
    has been updated ").
   Void display()
      System. out-puintln (60 Balance amount 1, 11 + balance);
 Void check()
    if (cheq = = false)
  System. out puintly (" Cheque book faility is not available").
  System. Out Parinth (" Cheque book facility is available").
Class Saving extends Account
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class Saving extends Account
   double nate;
   double S-with
   int n;
    int ch;
   double ant;
   double beam;
   double pu;
  void ct()
    Scanner SS = new Scanner (System in).
   System. out. perinten (" Entir Perincipal deposit amount").
  Pu = Ss. next-Double(1.
  System. out perinten ("Enter the mate of interest").
   seeli = sinext Double ();
    System. ow. peintln ("Enlis the term (years)").
   -term = 28- next Double ()
System our puintly (" Enter the number of times in compound annually").
   n= ss.nextlnf():
   amt = pu " Math. pow ((1+ (nale/100)), (n" term));
  Dalance + = amt.
 System. out printly (" Totalust is compounded 4 deposited , balance of
         updated).
   void with_S()
       Scanner Ss= new Scanner (System in);
       System. out perintln (" Enter the ant of money to be
          withduawn').
       S_with= ss. next Double ();
        if ( s. with > balance)
```

System. out puintln (" Insufficient balance"); balance = balance - s-with; System. out perintln (" Money how been withdrawn and balance y updalid"); class Current extends Account double c-with; double min . Current () void with_C() Scanner XX = new Scanner (System.in). System. ow puintln (" Enlis - the amount to be withdulewn "). C-With = At next Double () if ((with > balance) System our puintly (" Insufficient Sund!"). welush;

else (Tanalan)	System out present Co trad
1	Head Described and with the
balance - c-with;	28.50
System. Out perint Ln C" Amount has been with duawn and bulance has been updated").	
1	have been a support of the support
if (balance × min)	of analysis to want
{	2
Suction out minute 1" Poly in 1	L
System-out-printle ("Balance is below Service Devolty Object - 1001	The minimum thrushold.
Service penalty charge = 100/- "	
	close Commit essent Account
System out puintln (" Due to insuf,	Junde Deralty Charge
is" + balance);	The suplenishing - Cument balance
else	्त्रक व्यक्त क्रमा
4	wine approach
4-0	
balance 2 balance - pen:	Carrier
System. out puintle (" Penalty Charge	has been deducted suom
aubunt balance, Current balance	"+ balance);
3	MW = 200.
<u>,</u>	2
2	
3	(1) White Blow
Class 1ab5	
2 (Manual S)	Scoonly XX new Scoons
Public static void maind Etuing	axel]
<u> </u>	Oshallan a samo
int ech, ehh;	after with a tentance
Scames 8x = new Scanner (Sys	
System. out paintly (" - welcome - ");	
System · out · puintle (" Savage ac	c / curren: acc) 1- Savings. 2- current

int ch= Sx.nextInt(); if (ch==1) Saving S= new Saving (); 5.9et ('s'). dos System. Out. println ("]. Deposit money In 2. calculate CI In 3. Withdray money In 4. Display balance in 5. Chique book facility in 6. Exit"); System ou puinter (" Enter your choice"). chh = Sx. nextInt (); Switch (chh) case 1: 5. dep (1; 10 . 5 of summ of sons (- + ") winder to - mily? case 2: S. c. (). Sucak case 3: S. with _ cc) bueak. case 4: S. display (). buck. Care 5: 3. check (). buck.

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case 6:
 bucak.
 olyault:
     System out puinten (6 Quong option").
     bueak;
2 while (chh!= 6).
else :f(ch==2)
   Comment (u= new Comen+C).
   cuiger C'c');
   System. out puint in & " I. Deposit money in 2. cheque book to jaulles in
    3. withdraw no money In 4. Display balance )n S. Exit");
        ceh = Sx. nextInt();
       Switch (cah)
          case I:
          cudep();
          bueak;
          ease 2:
         cu. chek()
          bucak;
          Carge 3:
          ca. with-ccl,
          buck;
```

case 4: curdispley (); bueak; Case 5: bucak; dyault: System out puintln (" lawing oplion ."); bucak. 3 while (ech 1=5) else System out paintly (wwong!").