2.	import java util Scanner;
	class Account
	S THE THE PARTY OF THE STATE OF
	Itaine name, aceno;
	int type; double bal;
	3
	class Savacet extends Account
	[ 1000
	double a bal dep with time rate min
	void set Data (String n, String an, but to doubles
	Electron Continuenting and to attitude
	name=n; " (HANFERMONE)
	auno = an;
	type=t', bal=b',
	3 The RATE OF INSTRUMENT OF IN
400	void dep-acc (doubled, Apriblets)
, W	& Colombia of portugied Byo
	deped;
	Jax-10)
	bal-baltdepi
	3 Wall Outhrilla cdo
101	void dieplay()
	E system out pointln ("The Hotal balance of
-	the customer is: "+bald;
	3 Charakting Eds
	(re toolf, smit toolf) tourstris biox
	time = Time;
	rate = n;
	Uz bal
	bal= bal * (math. pow(Cl+ (nate * 0.01)), time);
	Scut com out printless of
	System out println(" compound interest: "til);
	System. out printly ("Balance after dipoliting
	Scanned with CamSo

	Date
	Void withdraw (double w)
	Scanner sc= new Scanner (System.in); double m; wit=w;
	wit=w,
	if (witzbal)
	Systemout printly ("Your withdrawal amount
E AR Y	exceeds your balance amound")
A LAND	elle
	bal=bal-wit;
	System out println (" your balance after withdrawd,
	awat is! "+ bald,
	System out-printly ("Enter minimum balance allowed"),
Attionalis	& miss. minimum (m.); 33
	void nivimum (double m)
	E. Hall
	min: m;
	i) (bal < min)
	2 System-out-pountly ("Your balance is less than
- bus 3	110 cm aunt'
de material	System. out println ("Your total balance is: "+bal)
13	22 (galdunk na statentis) numericate high
	3
	dass curracct extends Account
	C C C C C C C C C C C C C C C C C C C
	double bal, dep wit, min, penalty;
	De la colonia de
	Boolean cheque, void schoata (storing n, storing an, int to double b)
181	void settlat a som of
	name=n;
	acc-no: an;
That +	type = t; bal=b;
	void deparc (double d, Apyble &)
	2
	Scanned with CamScan

dep = d) bal = baltdep; void diplay () System out paintln ("The total balance of the customer is: "+bal); void withdraw (double w) Scanner sc=new Scanner (system. in ); double m; float p; if (wit) bal) System out println ("Your withdrawal amount exteeds your balance amount". elle E bal = bal - witj System out privale (" your balance after withdrawal is : "+ bal); Syxtend out printly ("Outer minimum balance allowed and

Binesc next polisier); p= sc-next Float(); this minimum (m, p) void minimum (double m, double p penalty = P; min:m' if (bal / min System out printly ( your balance is than the minimum amount"); bul= bal- ((min-bal) \* penalty \* 0.01 System out printer (" Your total balance is: "+ bal

class AccountMain public static void maint string agsc]) int snewet, consust, i, che; String n, an; double d, b, w, m; float Time, 9, p; Scanner 10= new Scanner ( System. as); Systemout pourull ("Enter the number of customers with savings account "). I no cust: sc. next Inter. System. out printly (" Enter the number of customers with current account"); ( ) trittan of = ten end Sanacet obs [] = new Son acct [8-no out ]. Curracet obc CJ= new Curracet c me cust J' if (8-12-cust >0) System. out println(" - - Savings account -- "); for (i=o; i < s\_no\_cuet; i+1) obstit: new 8 av-acct(); System-out println ("enter" + ci+1)+" customeré name and account number"] n: sc. next() an-scruxt(); b=xcrnextDouble(); obstil. Aut Data(n, an, 18, b); System out pointln(" Enter the current balance and diposit amount"); 5: se next Doublel); d- scnext Double (); obstil. deparc (d. 3); System out parint la ("Enter the time persod Obsaid display() and rete of interest "

lime: Sc. next Floate) In = Sc. next Float(); obscij interest (Time, 7); System out printer ("Enter the withdrawa) amount") W- AC next Double (); obsti7. withdraw (w); Systemout print In (" Enter minishum allowed" m= sc. nextDouble(); obsti I minimam (m); if (cno cust >0) System out printle ('-- abrent account' for (i= 0; is choust, i++) obcaj: new Curracte) System. out. privater (" sut or "+ ci+c) + " customeré name and account number and current balance". M= & (next()) an-scherteli b - screetDoubleCs; obclid. set Data (n, an, 2, bd) System out println C"Enter 1 if the customer has a cheque book else press o") che: screetInt(); []. (che == 1) obcti). cheque false System out println ("Enter the deposit amount) d= 1cnextDouble(); obclid.dep-acc (d); obc [i]. display(), Septement point la ("Enter withdrawal amount") W. & C. next Double () obeti? withdrancus); 323