09/01/24	Lab Program (3:
,	Develop a Java program to create a das
	Bank that maintains two kinds of account
	for its customers, one called savings
	account and the other current account
- 12 B	The savings account provides compound
	interest and withdrawal facilities but no
	cheque book facility. The wrient account
	provides cheque book facility but no
	interest account holders should
	also maintain a minimum balance and
	if the valance falls below this level.
	a service charge is imposed.
	mposer.
	import java util Scanner,
	7 9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	class Account &
	string enstonerwame;
	und accnowners;
	string acctype;
	double realance.
	Account (string name; int accus,
	string actype) ?
	enstoner Dame = name;
	accoumter = accord
	acceppe = actype',
	bolonce = 0;
	y y with the second sec
	void déposité double amount joine à
	lealance + = amount!
	THOUAN,



	system out println ("Deposit of Rs"+
	amount + " successful. New Valance: Ks"+
	valance);
	2
	void display () {
	System. out. println ("Account balance pr
	"+ austomes Name + "; P3"+ bolance);
	y
	3.
	class Ruser Acct extends account of
	double mintral;
	double serchar;
	Curr Acct (string name, int accro, double
	mintal){
	super (name, accno, "current);
-	minimum Ralance = minibal;
	gerchal = 10.0',
	y .
	void checkmintal () {
	if (balance & minual) {
	lealance serchar;
	System-out println ("Service charge of Ps +
	serchas + "applied. New dealance: Rs +
	dolance);
	y
	n n n n n n n n n n n n n n n n n n n
4	void withdraw (double amount) &
	if camount 6 = valance 16
	bolance -= amount;
	system. out plintln (" Withdrawal of
	Re" + gnount +" successful - Pleut

	balance: Rs" + balance);
	4
	else (
-	
	system out println ("I neufficient funds." withoutrawal failed");
	y
	2
	7
	J
	class Sour Acct extends Account of
	double interest Rate;
	Sand cot (string name, int acens, double
	entered ate) &
	super (name, accoro, "Savings");
	this interest pate : interest Rate;
	5
	void compute Interest () {
	double interest = balance o (interest hate /100)
	balance += interest ',
	system out println ("Interest of Rs"+
	interest + "applied. were belance; Re";
	balance);
	5
-	10 11 110 110
	void withdraw (double amount) {
	if (amount = balance) {
	balane = amount;
	System out pointln ("Withdrawal of RIT
	anount & " cucceroful . New bolance; es
	I balance);
	- warren
	2
	2 eise



	system.out. print(n (1 Insufficient juds.
1	uli marawal failed");
	η
	γ΄
	7
	public clase Rank of
	public static void main (string [7 args)
	-d
	scanner scanner = new scanner (system.in);
	system. out print by ("Enter your name:");
	string customer Name = scanner pent Line();
	system out print ("Enter your account
	number. ");
	int account reumber : scanner . next Int (7;
	Curracet current Account = new curracet
	(austomes name, acenio, 1000,0);
	Sav Acct count - new South Cct
	sowings Account = new sout Acc (customer
	Name, acena, s.o);
	int choice;
	dof
	system out print on (" Kenu: " n 1. Deposit
	In 2. Withdraw In 3. Compute interest for
	Sovings account in 4. Display Account.
	details 1 5 5. Exil 1;
	system out print (n (" onter your choice";
	Thoice = scannes next Int ();
	swritch (choice) {
	case 1: system. out print ("Enter deposit
	ins"),

	double déposit Amount = (cannel nextes oubles)
	current & count deposit (deposit Amount);
	dereak;
	case 2: system. out print ("Enter withdrawal
	amount: Rs ")
	double withdrawal Amount 2 scanner next Dauly
	current Account withdraw (withdraw Amount);
	Loreak.
	case 3: savings Account : compute Interest ();
*	break;
	case q', auxint account - display Rolance ()',
	break.
	case 5 ". system out println ("Exiting
1.00	program);
	break,
	défault : system out println ("Invalid
	choice ");
	2
	I sohile (choice!=5);
	3
	9
4	autput:
	Enter austomes name: Rahul
-	Enter account Number: 78
	Enter cycomer mane: Rochan
	Enter account Number: 18
· 4 6	MENU
1.	Deposit



2.	withdraw
3.	Compute interest for savingsAccount
4.	Display account details
5.	Exid
	Enter your choice: 1
	Enter the type of account : saving
	Enter Dre deposit amount: 1000
	Menu.
1.	Deposit
2.	Withdown
3.	Compute interest for savings Account
4.	Dieplay account details
5.	Eril
	Enter your choice = 2
	Enter the withdrawal amount : 200
	punil.
1.	Deposit
۶.	Withdraw
3.	Compute interest for bowings Account
4.	Display decount details
5.	Exit
	Enter your choice : 4
-	austomer name : Rahul
	Account number = 78
	Type of account = eaving
N.	Balance = 800.0
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