JEL NINAN JOHNSON 1BM19C8199 क्रिय अधिव LAB 5: import ina util \*; impost pra. util. 4: class Accounts String name; char acct-type; double balance = 0; Sanner in = new bonner (system in); void input details () System-out-printly (" Enten gonr Name: "). name = in next line (); Sylvan. out-printly a Enter your Account Number: "); acet num = in next site(); Bystem-out-psingln ("Please enter your account type [c/s]:)
acet\_type = in.next().diar At (0); void deposit () 2 System out princh " the amount to deposit:"); double dep = in next Double (); balance =+ dep; System. out. printly a Account balance: " thalance); void view-balance 0} System. out-print ln (" Account Balance: "Hodance); -28 —

JOEL NINAN JOHNSON 1BM19CS199 06 11/2020 dass Current ortends Account? Double cheq, aunt; void issue\_cheque() } System. out. printly (" Enlex the amount to issue the Cheque:"); dieg\_amnt'= in. next Double (); if ( cheq\_annt > balance) { System-out-pointly a anable to issue chaque! Entered amount Unavailable in Account !!"); else } Bystem-out. println (" Cheque for Rse" + chequannet void dreck-balance () { if (balance < 5000 ll balance >0) System-out-println ("Current Account Balance is below the Minimum Required Balance!"); bolance - bolance - 1000; System-out pointly (4 beside Charge of Re. 1000 deducted from Account Balance 11, "); view\_balance(); - 29 -

JOEL NINAN JOHNSON 1BM19C3199 class Savings extends Accounty Double withdraw annt, CI; void withdraw () & Syllem out pointly ("Enser the Amount to Withdraw: "); withdraw annt = in nent Double (); if ( withdraw\_eynne > balance) & Bysten out-printly ("Estered Anouse Unavailable in Account balances,"), else gbalance = balance - witedray amti-System-out-println Ca Successfully Withdrawn E. + withdraw annt + 4 from Account 11") void Compute - (I () } System out printly (" Enter time period (in years): "); int time = in nextInt(); CI = (balance # Math-pow 1+(0.02/12), 12\* time) - balance System out printly ( " (one ound Totalest for " + time + gears compounded monthly at a rate of 2%: RE. HEE balance = balance + CE: Syllen out prinkly a Interest has been burgestally Deposited !! ");

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	JOEL NINAN JOHNSON
	IBM19CS199  Classmate  Date Page
06 112020	class Lab 5 g
	public static void main (String args []) &
	int choice;
	Scannex in = new Scanner ( System. in);
	Account A = new Account (1);
	A. Enput_details();
	if (A · arct-type == 'c'    A · acct-type = = 'C') }
	Corxent Ac = new Courrent():
	System-out-println(" ** ** CUPTENT ACCOUNT *** ");
	208
	System-out printly " MENU ");
	System. out pointly (1) DEPOSIT AMOUNT");
	System.out. psintln (" (3) VIEW BALANCE"); System.out. psintln (" (3) 735UE CHEQUE");
	Bysterg. out. printly ("(4) EXIT")
	Children - on the oxin king there your charce:
	doice = in. next-Int();
	switch (ahorice) &
	case 1: Ac. deposite);
	break;
	case 2: Ac. check_balance();
	break;
	case 3: Ac · issue-cheque ();
	boeale;
	case 4: System.enit(0);
	default: System-out. princle (a Indid Input!)
	default: System. out. princing should input?
	3 while (droice <= 4 ld droice >=1);
	3
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JOEL NINAN JOHNSON 16M19C199 06/11/2020 else of (A-acct\_type == 's' | A-acct\_type == 'S')} Savings As = new Savings ();
System-out. println(a \*\*\* SAVINGS ACCOUNT \*\*\*\*\*\* 1); System.out. println (a ---- MENU ---- "); System. ont. printly (1) DEPOSIT AMOUNT "); System out pointly ("(a) VIEW BALANCE"); System out princh (" (4) COMPUTE COMPOUND INTERENT System out - princh (" (5) EXIT"); System out pointln (" tutor your choice:"); choice = in next Int (); switch (choice){ ease 1: As. deposit(); break? case 2: As. view\_balance (); break; ose 8: As. withdraw (); break. ase 4: As. compute\_CIO; default: System-out println ("Invalid Input!!") } while (choice <= 5 ft choice >= 1); System out printly (" INVALID ACCOUNT TYPE !! ");