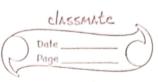
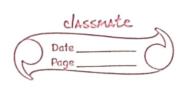
	Lab-5
	impost java. util Scanner;
	class Account
	٤
	String name;
	mt acmo;
	Stang type;
	double balance;
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	balong) 2 10 10
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	thus-accno = accno;
	this type = type; I a Desnie this balance = balance;
	3 2 million and a second of the second of th
	vord-deposit (double amount)
	2 1/4
	Julanu f = amount;
-	3
	Void withdraw (double amount)
	if ((balone - amount)>=0)
	1 Coasing amounts
	below - = amount;
	3
	elos
	Classed buttle ("As Fficent ballon In.
	System authorith ("Insufficient balance");

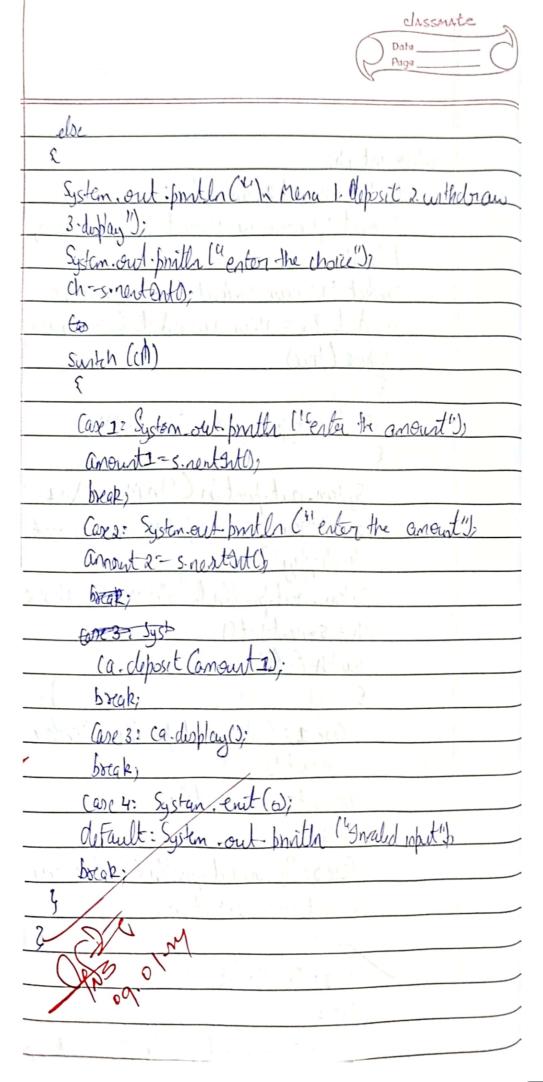


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void display ()	
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2	
super (name, accor)	usavings 4, balonce).
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void interest ()	r let remaind the
{	3
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prate double service	Charges = 50;
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3	
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	classmate
	Date Page
	Void duckmin ()
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	System.out-printly ("balance us less than min
	balance, some charges imposed: "+service (harges)
	Sulance source (haviges;
	System.out.println ("balance us"+ balance).
	7
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	public static void mais (String aCD)
	5
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	System out profits (" enten the type ( wrient I ravings!
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	int aceno = s. nextent();
	System-out-pright ("enter the initial balance");
3.	double balance = 5. next (buble ();
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double amount 1, an	
account gu - new	account ( name, acceso, type,
balare);	Challengelow miss
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curAct ia = new	won Aut Cnome, alno, bulance);
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brok;	170
	out-printly ("graled inputa),
I valuable system.	on-private any and inputs



```
Week 5
import java.util.Scanner;
class Account {
    String customerName;
    int accountNumber;
    String accountType;
    double balance;
    Account(String name, int accNumber, String accType) {
        customerName = name;
        accountNumber = accNumber;
        accountType = accType;
       balance = 0.0;
   void deposit(double amount) {
       balance += amount;
   void displayBalance() {
       System.out.println("Balance for account " + accountNumber + ": $" + balance);
class CurAcct extends Account {
   double minBalance;
   double serviceCharge;
   CurAcct(String name, int accNumber) {
       super(name, accNumber, "Current");
       minBalance = 1000.0; // Example minimum balance for current account
       serviceCharge = 10.0; // Example service charge for falling below minimum balance
   void checkMinBalance() {
       if (balance < minBalance) {
           balance -= serviceCharge;
           System.out.println("Service charge imposed. New balance: $" + balance);
```



```
class SavAcct extends Account {
   double interestRate;
   SavAcct(String name, int accNumber) {
       super(name, accNumber, "Savings");
       interestRate = 0.05; // Example interest rate for savings account
   }
   void computeInterest() {
       double interest = balance * interestRate;
       balance += interest;
       System.out.println("Interest computed. New balance: $" + balance);
   }
   void withdraw(double amount) {
       if (amount <= balance) {
           balance -= amount;
           System.out.println("Withdrawal successful. New balance: $" + balance);
       } else {
           System.out.println("Insufficient funds for withdrawal.");
   }
oublic class Bank {
   public static void main(String[] args) {
       Scanner scanner = new Scanner(System.in);
       // Example usage
       CurAcct currentAccount = new CurAcct("John Doe", 123456);
       currentAccount.deposit(1500.0);
       currentAccount.displayBalance();
       currentAccount.checkMinBalance();
       SavAcct savingsAccount = new SavAcct("Jane Smith", 789012);
       savingsAccount.deposit(2000.0);
       savingsAccount.displayBalance();
       savingsAccount.computeInterest();
```

