oglolland Bank Account Create a class Account that stores unstomernan account number and type of account. From this derive the classes must acct and saverage to make them more specific to their requirement Achieve the following tasks: a) Accept deposit from unstorner and update the balance b) Display the balance c) compute and deposit interest d) Permit with drawal and update the balance import java util Scanner Class Input? 3 Scanner SC = new Scanner (System . In); clas Account extende Input & Sturg name; int aceNo: double balance; void get Delaits ()} System oud puntle ("Enter Name:"); name = &c. nextline(); System. out. perent ("Fortu ace No;"); accilo = sconext-Int(). void deposit () { System · out · pusoffer (" Enter amount to deposit") double ant = sconent Double (); balance + = ant-

	SURYA Gold DatePage
	System: out perentln ("Amount Deposited");
	void with drand) }.
/	System - ord - prent (" Enter amount ");
/	double ant = scenert Double().
/	i) (balance > = ant) {
/	balance - = ant;
	System-out-println ("Amount Withchaum"); 3 else &
	System. out . puritin ("Insufficient Balanci")
	System · out · partle ("Name: "+name). System · oud · partle ("Account Alumber:" +accNo);
	System - out - paintle ("Name: "+name):
	System : oud : paintln ("Account Number:"
	taceno);
	System · out · puntla ("Balance: " + balance);
	2
	Class Baxistrys extends Account &
	double minbal = 500;
	clouble penalty = 100;
	Moich withdraw() {
	Super withdraw ().
	checkMin Balance ();
100	Grand Grand Control of the Control o
	Private void Check Min Balance () }
	illholance & ms-Ball 3
	balance -= penally;
	System-out-position ("Penalty applied for
	balance -= penalty; Systemout pentln ("Penalty applied for low balance");
	23

Class Savings extends Account ? Couble IntustRate = 0.04; void compute Interest ()?

Couble interest = balance + interest Rale: balance + = interest:

System-out-perntla ("Interest Geolited: "tintuent).

2 class Bank extends Account & Public static void mass (String [] args) Sanings Ob1 = res Sanings (); Current oba = new Current(); Ob1 get Details(); Obd-get Details (); unt choice; String acc; System out point lon (" Menu: "). System out purth ("I Deposit m 2. Withdraw m 3. Display Balance In 4. Compute Interest (Sayings Only) "In 5. Exit "); System. out paint ("Entuyou choice"); Choice = Sconext Inf (). System out paint ("Enter the acetype") acc = ocnent(); Switch (chaice) ? if (ace equals ("souring")) Ob1. deposit();

else & Obd. deposit(); break. Case 2: if (acc. equals ("saveog")).

Ob 1 · withdraw(); else Obd. withdraw(); break. Case 3º. if (accequals ("saving")). Ob 1 · dis play (); else Obd. display(); break. Obj. compute Interest (); Break; default: System. out paintle ("Invalid choice" 3 white (option! = 5);

OUTPUT! Enter name Shamanth Enter accNo: 1 Entre name: Sheeyas Enter acero: 2 Menu. 1. Deposit 2. Withdraw 3. Display 4. Compute Interest (Savings Only). 5. Exit Enter your Choice: 1 Enter ace Type: sawing Entu deposit amount: 1000 Enter your choice: 1 Enter acc type & current Enter deposit amount : 5000 Enter your choice : 2 Enter acctype: saving Entre withdraw amount: 500 Enter your choice: 2. Enter a ce type: aurount Enter withdraw amount: 4600 Penalty applied. Enter your choice : 3 Enter ace type: wexent Manne: Sheeyas Ace number: 2 Shamanth K Muth Balance: 300 Enter your choice: 4 Interest oredited: 40 Enter your choice : 2 Entracetype: saving Insufficient Balance Enter withdraw amount? 1050