PAGE NO : enter 9/01/24 Lab programs Empart java util scanner; Sup claus BankAccount & protected string customesName; protected ent account number, protected double balance; public Bank Account (String customerName ent accountnumber, double balance) ters, cushmername = customername; tuls. account Number = account Number; the balance = balance; pu public void displayAccount Details() System. out. prentin ("cus homes names" + + customerName); System-out-prentine "Account numbers" + acroyst Number); system out punto l'type of Account: Sowengs Accountu); System. out. preath ("balana - " + balance); Class sawings Account extends BankAccountle private double interestrate; · bublic SavengeAccount (Stieng rushomer Name, Galaxy M33,5G account runber, double balance, double

PAGE NO . enterest Rate) super(customername, account Number, balance); tues EnterestRate = EnterestRate ; public void deposit (double amount) ? balance + = amount: 3 (twoms elder of) worthis will brow silder balance-=amount: public void computerntenestas balance += balance \* PrterestRate / 100; public void display Account Details() Super. displayAccount Details (); System out - pointful "Entenest Rate" "+ interest Rate Clau RA Bank & puble state void main (sturnge) age) Sa Scanner scanner = new sa scanner(systemola): SavingsAccount [] accounts = new SawingsAccount[]; Ent choice; String customerwane, 40 int accountnumber, double balance; double deposit Amount; re, Galaxy M33,5G withdrawal Amount?

PAGE NO : double interestrate; for( ent =0; 922°, 9++) Systemout prental" Enter customer Name; "). cashmerName = scanner. next(); System. out. puentine "Enter account number 4). account Number = scanner next Ento, System out prentlan ("Enter the deposet amount") balance = scanner neut Double (); accounts l'22 new Savings Account (customenon account Number, balance, 2); do ? System, out preath ("In --- MENU- --- ") System. out. punth ("1. Deposet"); Suptem out printin ("2, withdraw"); System. Out. printen!" 3, compute enterest pos Sowings Account "); System. out. puenten (" 4. Display Account detals") System. out. prints ('5. exet"); System. out. prentin ("Enter your choice:"); ( notce 2 scanner, next 20+6); Switch (choice) & case 1º suptem out prently fronter tu bype of account ou 10 Staring account type = scanner next(); Systemants printing" Enter the deposit amount ?"); Galaxy M33 5G depose + Amount = scanner next double();

account (0). de poset (deposet Amount); breaks casez; suptem. Outs prenter ("Enter the type of account :")" account Type = sascanner nextor System. out. pulatholy Enter the with drawal amount 3"); w Polid rawal Amount = Sas Cannel next Double (); accounts COJ. withdraw (withdrawalamount); me bloak, (ase 3° accounts[0]; (omputerneueste); break? (asece? accounts (0). desplay Account Detailse); break? (ases. System. out - prentinc " Exiling ... "); break; default: System. out. pursent "Invaled choice Please try again: " " while (chopped=8); Scanner, close(); Galaxy M33 5G

DATE : c.ext+ Enter output-Custos Enter customer Name: prakrutivi Accou Enter account number :112 taype Exter the deposet amount? 20000 bal Briter Castonewane; Rachara. 1 Ate Enter account number: 213. Enter the deposit amount : 30000 - -- MENU ---1. Depost + 2. Withdraws 3. Compute Enterest for savengs Account 4. Oraplay account details. 5. excel. Enter your chorce :1 Protes the type of account 3 Saw Props Enter the deposit amount: 30000 -- MENU- -. 1. Deposit 2. withdras 3. Compute Enterest por Davenge Account U. DPsplay Account -details e. exist Enter your chorces/3 ---Menu---1. Deposit 9. withdraw 3. computer Potenesty por savengy Account Galaxy M33 5Gy. Desplay Account details

PAGE NO : DATE: c.exit. Enter your choire: 4 customer name : prakautur Account number: 112 raype of Account: Savengo Account Tatement Rate: 102.00% Galaxy M33 5G

```
Enter customer name: prakruthi
Enter account Number: 112
Enter the deposit amount: 20000
Enter customer name: rachana
Enter account Number: 213
Enter the deposit amount: 30000
----MENU----

    Deposit

2. Withdraw
Compute interest for Savings Account
4. Display account details
Exit
Enter your choice: 1
Enter the type of account: Savings
Enter the deposit amount: 30000
----MENU----

    Deposit

2. Withdraw
3. Compute interest for Savings Account
4. Display account details
Exit
Enter your choice: 1
Enter the type of account: savings
Enter the deposit amount: 2000
----MENU----

    Deposit

2. Withdraw
3. Compute interest for Savings Account

    Display account details

Exit
Enter your choice: 3
----MENU----

    Deposit

2. Withdraw
Compute interest for Savings Account
4. Display account details
Exit
Enter your choice: 4
Customer name: prakruthi
Account number: 112
Type of Account: Savings account
balance - 53040.0
Interest Rate: 2.0%
----MENU----

    Deposit

2. Withdraw
Compute interest for Savings Account

    Display account details

Exit
Enter your choice: 5
Exiting...
```