Expt 3: Date: 19/04/23

package bank;

import java.util.Scanner;

class BankDetails

{

String nameOfDepositor;

long accountNumber;

String typeOfAccount;

double balanceAmount;

//to assign initial values

void assign\_values(String name,long acno,String type,double balance)

{nameOfDepositor=name;

accountNumber=acno;

typeOfAccount=type;

balanceAmount=balance;

}

//to deposit an amount

void deposit\_amount(double amount)

{

if(amount>0)

balanceAmount=balanceAmount+amount;

else

System.out.println("invalid Amount");

}

//To withdraw Amount after CHecking Balance

void withdraw\_amount(double amount)

{

if(amount>0&& amount<=balanceAmount)

balanceAmount=balanceAmount-amount;

else

System.out.println("Invalid Amount");

}

//To Display Name and Balance

void display()

{

System.out.println("\nName:"+nameOfDepositor);

System.out.println("Balance:"+balanceAmount);

}

}

public class Bank {

public static void main(String[] args) {

Scanner Sc=new Scanner(System.in);

String Name,Type;

long AccNo;

Double Balance;

System.out.println("Enter the name:");

Name=Sc.nextLine();

System.out.println("Enter the type of account:");

Type=Sc.nextLine();

System.out.println("Enter the Account number:");

AccNo=Sc.nextLong();

System.out.println("Enter the balance in the account:");

Balance=Sc.nextDouble();

BankDetails b=new BankDetails();

b.assign\_values(Name,AccNo,Type,Balance);

b.display();

System.out.print("\nEnter Amount to be Deposited:");

double d=Sc.nextDouble();

b.deposit\_amount(d);

b.display();

System.out.print("\nEnter Amount to be Withdrawn:");

double w=Sc.nextDouble();

b.withdraw\_amount(w);

b.display();

}

}

Output:

run:

Enter Name:yash

Enter Type of Account:saving

Enter Account Number:1234688

Enter Blance Amount in the Account: 10000

Name:vinayak

Balance:10000.0

Enter Amount to be Deposited:1000

Name:yash

Balance:11000.0

Enter Amount to be Withdrawn:5000

Name:yash

Balance:6000.0

BUILD SUCCESSFUL (total time: 47 seconds)