**31.07.24 BANK APPLICATION PROGRAM**

enum AccountType {

CREDIT("Credit Account"),

SAVINGS("Savings Account"),

DEPOSIT("Deposit Account");

private final String displayName;

AccountType(String displayName) {

this.displayName = displayName;

}

@Override

public String toString() {

return displayName;

}

}

class BankAccount {

private String accountHolderName;

private String accountNumber;

private double balance;

private AccountType accountType;

public BankAccount(String accountHolderName, String accountNumber, double balance, AccountType accountType) {

this.accountHolderName = accountHolderName;

this.accountNumber = accountNumber;

this.balance = balance;

this.accountType = accountType;

}

public String getAccountHolderName() {

return accountHolderName;

}

public void setAccountHolderName(String accountHolderName) {

this.accountHolderName = accountHolderName;

}

public String getAccountNumber() {

return accountNumber;

}

public void setAccountNumber(String accountNumber) {

this.accountNumber = accountNumber;

}

public double getBalance() {

return balance;

}

public void setBalance(double balance) {

this.balance = balance;

}

public AccountType getAccountType() {

return accountType;

}

public void setAccountType(AccountType accountType) {

this.accountType = accountType;

}

public void displayAccountInfo() {

System.out.println("Account Holder Name: " + accountHolderName);

System.out.println("Account Number: " + accountNumber);

System.out.println("Account Balance: " + balance);

System.out.println("Account Type: " + accountType);

}

}

public class Bank {

public static void main(String[] args) {

BankAccount creditAccount = new BankAccount("John Doe", "1234567890", 5000.00, AccountType.CREDIT);

BankAccount savingsAccount = new BankAccount("Jane Smith", "0987654321", 15000.00, AccountType.SAVINGS);

BankAccount depositAccount = new BankAccount("Alice Brown", "1122334455", 3000.00, AccountType.DEPOSIT);

System.out.println("Credit Account Information:");

creditAccount.displayAccountInfo();

System.out.println("\nSavings Account Information:");

savingsAccount.displayAccountInfo();

System.out.println("\nDeposit Account Information:");

depositAccount.displayAccountInfo();

}

}

