1] write a simple program from bank application using enumerate type.

enum AccountType{

SAVINGS,

CURRENT,

FIXED\_DEPOSIT

}

class BankAccount{

private String accountNumber;

private double balance;

private AccountType accountType;

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

this.accountNumber=accountNumber;

this.balance=balance;

this.accountType=accountType;

}

public void deposit(double amount){

balance+=amount;

System.out.println("Deposited: "+amount);

}

public void withdraw(double amount){

if (balance>=amount){

balance-=amount;

System.out.println("Withdrawn: "+amount);

} else{

System.out.println("Insufficient balance");

}

}

public void displayDetails(){

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

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

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

}

}

public class BankApplication{

public static void main(String[] args){

BankAccount account=new BankAccount("123456789",1000.0,AccountType.SAVINGS);

account.deposit(500.0);

account.withdraw(200.0);

account.displayDetails();

}

}

Output:

Deposited: 500.0

Withdrawn: 200.0

Account Number: 123456789

Account Type: SAVINGS

Balance: 1300.0

=== Code Execution Successful ===