```
features such deposit, withdrawal of the amount can be done with ease. Demonstrate
for atleast 15 customers.
import java.util.*;
class BankAccount {
  BankAccount(int acc) {
       System.out.println(depo + " deposited, balance: " + money);
  public static void main(String args[]) {
       Scanner input = new Scanner(System.in);
```

```
n = input.nextInt();
   System.out.println("Deposit money?(1/0):");
    int choice = input.nextInt();
       long money = input.nextLong();
        accounts[i] = new BankAccount(acc, money);
   int choice = input.nextInt();
   int acc = input.nextInt();
                int money = input.nextInt();
                accounts[i].deposit(money);
                accounts[i].withdraw(money);
   if (!found) System.out.println("Account not found");
```

```
op:
Welcome
Enter number of customers:
Enter account number:
101
Deposit money?(1/0):
Enter deposit amount:
5000
Enter account number:
102
Deposit money?(1/0):
Enter your choice: 1) Deposit 2) Withdraw 3) Exit
Enter account number:
101
Enter deposit amount:
2000 deposited, balance: 7000
Enter your choice: 1) Deposit 2) Withdraw 3) Exit
Enter account number:
102
Enter withdrawal amount:
1000
Insufficient balance
Enter your choice: 1) Deposit 2) Withdraw 3) Exit
Enter account number:
101
Enter withdrawal amount:
3000 withdrawn, balance: 4000
Enter your choice: 1) Deposit 2) Withdraw 3) Exit
2]Demonstrate Static variables and methods example
```

```
class Counter {
  static void displayCount() {
public class StaticExample {
      Counter.displayCount();
op:
Count:2
3]Demonstrate Inner classes.
public class Outer{
      public void display() {
public class InnerClass{
      Outer outer = new Outer();
       inner.display();
```

```
op:offff
4]Write a Java program to Method and constructor Overloading
  Overload() {
  Overload(int a) {
       System.out.println("Two parameters: " + a + ", " + b);
  void display() {
  void display(int a) {
  void display(int a, int b) {
  public static void main(String[] args) {
      obj1.display();
      obj2.display(100);
      obj3.display(200, 300);
op:
No parameters
One parameter: 10
Two parameters: 20, 30
No parameters in display
One parameter in display: 100
```

```
Two parameters in display: 200, 300
5]Write a Java program to Implement single inheritance using Box Example
  void display() {
      System.out.println("Width: " + width + ", Height: " + height);
  void displayWeight() {
      System.out.println("Weight: " + weight);
      box.display();
      box.displayWeight();
op:
Width: 10, Height: 20
Weight: 30
```