// Superclass: BasicPhone

class BasicPhone {

void call() {

System.out.println("BasicPhone: Making a call...");

}

void text() {

System.out.println("BasicPhone: Sending a text message...");

}

}

// Subclass: SmartPhone

class SmartPhone extends BasicPhone {

void browseInternet() {

System.out.println("SmartPhone: Browsing the internet...");

}

void useApps() {

System.out.println("SmartPhone: Using mobile applications...");

}

void demonstrateFeatures() {

// Calling superclass methods

call();

text();

// Calling subclass methods

browseInternet();

useApps();

}

}

// Main class

public class PhoneDemo {

public static void main(String[] args) {

SmartPhone myPhone = new SmartPhone();

myPhone.demonstrateFeatures();

}

}

//output:

BasicPhone: Making a call...

BasicPhone: Sending a text message...

SmartPhone: Browsing the internet...

SmartPhone: Using mobile applications...