

# UpdateRecords.java

```

2  * Cynthia C.
5 package fileOutput1;
6
7 import java.io.BufferedReader;
14
15 public class UpdateRecords {
16
17     public static void main(String[] args) {
18         Scanner string = new Scanner(System.in);
19         Scanner Int = new Scanner(System.in);
20         int userChoice = 0, i = 0;
21         String name, line, address, phoneNum, name2 = "";
22         ArrayList<RecordsList> obj = new ArrayList<RecordsList>();
23
24         try {
25             FileReader reader = new FileReader("output_thing.txt");
26             BufferedReader br = new BufferedReader(reader);
27
28             line = br.readLine();
29
30             //will create a new object in arraylist for each line
31             while(line != null) {
32                 System.out.println(line);
33                 obj.add(new RecordsList(line));
34                 line = br.readLine();
35             }
36
37             br.close();
38
39             FileWriter write = new FileWriter("output_thing.txt", false);
40             BufferedWriter bw = new BufferedWriter(write);
41
42             System.out.println("What is your name?: ");
43             name = string.nextLine();
44             //will loop till the name the user entered matches with one in the arraylist
45             do {
46                 //will run if the name the user entered is not in the arraylist
47                 if(i >= obj.size()) {
48                     System.out.println("That name is not availible\n1)Add name\n2)Select
another name");
49                     userChoice = Int.nextInt();
50                     //will prompt the user to enter in different info
51                     if(userChoice == 2) {
52                         System.out.println("Enter name: ");
53                         name = string.nextLine();
54                     }else if(userChoice == 1) {
55                         System.out.println("Enter " + name + "'s address: ");
56                         address = string.nextLine();
57                         System.out.println("Enter " + name + "'s phone number: ");
58                         phoneNum = string.nextLine();
59
60                         line = name + ", " + address + ", " + phoneNum;
61
62                         obj.add(new RecordsList(line));
63                     }
64                     i = 0;
65                 }else {

```

# UpdateRecords.java

```

66         name2 = obj.get(i).returnName();
67         i++;
68     }
69     }while(!name.equalsIgnoreCase(name2));
70
71     i--;
72
73     System.out.println("Here is your info: ");
74     System.out.println("Name: " + obj.get(i).returnName() + "\nAddress: " +
obj.get(i).returnAddress() + "\nPhone Number: " + obj.get(i).returnPhoneNum());
75
76     System.out.println("Would you like to update: \n1)Name\n2)Address\n3)Phone
Number");
77     userChoice = Int.nextInt();
78
79     //will loop till user chooses an option that is offered
80     while(userChoice > 3 || userChoice < 1) {
81         System.out.println("Option Unavailable\nChoose an applicable option: ");
82         userChoice = Int.nextInt();
83     }
84
85     //will prompt user to enter new info
86     if(userChoice == 1) {
87         System.out.println("New name: ");
88         obj.get(i).changeName(string.nextLine());
89     }else if(userChoice == 2) {
90         System.out.println("New address: ");
91         obj.get(i).changeAddress(string.nextLine());
92     }else {
93         System.out.println("New phone number: ");
94         obj.get(i).changePhoneNum(string.nextLine());
95     }
96
97     System.out.println("Your information has been updates");
98
99     //will add all info back into the file since it was all wiped
100    for(int j = 0; j < obj.size(); j++) {
101        line = obj.get(j).returnName() + "," + obj.get(j).returnAddress() + "," +
obj.get(j).returnPhoneNum();
102        bw.write(line);
103        bw.newLine();
104    }
105    bw.close();
106    }catch(IOException e) {
107        System.out.println("This Doesn't Work");
108    }
109 }
110 }
111

```