

UNIVERSITY OF THE ARMED FORCES – ESPE

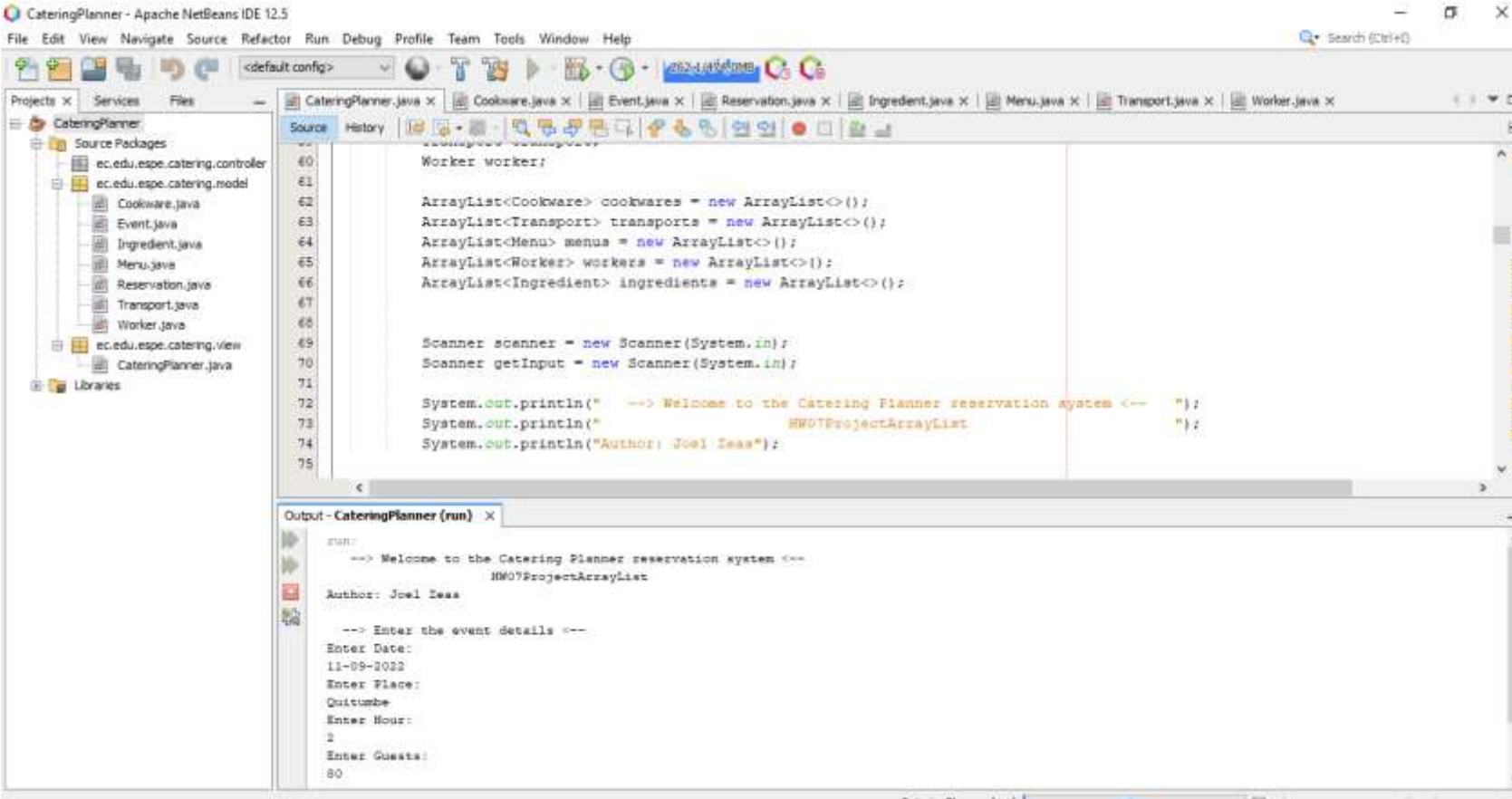
HW07 – Array List Project

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Date: 12th December 2021

NRC: 7490

Career: Telecommunications



```
1  import java.util.*;
2  import java.util.Scanner;
3
4  public class CateringPlanner {
5
6      // Worker class
7      class Worker {
8          String name;
9          int id;
10         int salary;
11     }
12
13     // Cookware class
14     class Cookware {
15         String name;
16         int id;
17     }
18
19     // Transport class
20     class Transport {
21         String name;
22         int id;
23     }
24
25     // Menu class
26     class Menu {
27         String name;
28         int id;
29     }
30
31     // Reservation class
32     class Reservation {
33         String name;
34         int id;
35     }
36
37     // Ingredient class
38     class Ingredient {
39         String name;
40         int id;
41     }
42
43     // Main method
44     public static void main(String[] args) {
45         CateringPlanner planner = new CateringPlanner();
46         planner.run();
47     }
48
49     // Run method
50     public void run() {
51         Worker worker;
52
53         ArrayList<Cookware> cookwares = new ArrayList<>();
54         ArrayList<Transport> transports = new ArrayList<>();
55         ArrayList<Menu> menus = new ArrayList<>();
56         ArrayList<Worker> workers = new ArrayList<>();
57         ArrayList<Ingredient> ingredients = new ArrayList<>();
58
59         Scanner scanner = new Scanner(System.in);
60         Scanner getInput = new Scanner(System.in);
61
62         System.out.println(" --> Welcome to the Catering Planner reservation system <-- ");
63         System.out.println(" HW07ProjectArrayList ");
64         System.out.println(" Author: Joel Zeas ");
65
66         // Enter the event details
67         System.out.println(" --> Enter the event details <-- ");
68         System.out.println(" Enter Date: ");
69         String date = scanner.nextLine();
70         System.out.println(" Enter Place: ");
71         String place = scanner.nextLine();
72         System.out.println(" Enter Hour: ");
73         int hour = scanner.nextInt();
74         System.out.println(" Enter Guests: ");
75         int guests = scanner.nextInt();
76     }
77 }
```

Output - CateringPlanner (run) x

```
run:
--> Welcome to the Catering Planner reservation system <--
HW07ProjectArrayList
Author: Joel Zeas

--> Enter the event details <--
Enter Date:
11-09-2022
Enter Place:
Quito
Enter Hour:
2
Enter Guests:
80
```