

A) Order Selections

```
-----  
-Soups 1-  
-Salads 2-  
-Sides 3-  
-Main course 4-  
-Desserts 5-  
-Beverages 6-  
-----
```

A) 1) Soups

```
-----  
+ 1-Lentil Soup +  
+ 2-Yogurt Soup +  
+ 3-Tomato Soup +  
-----
```

A) 2) Salads

```
-----  
+ 1-Chicken Salad +  
+ 2-Beef Salad +  
+ 3-Cheese Salad +  
-----
```

A) 3) Sides

```
--==--==--==--==--==--==--==--==--  
+ 1-Yogurt +  
+ 2-French Fries +  
+ 3-Rice +  
--==--==--==--==--==--==--==--==--
```

A) 4) Main Courses

```
--==--==--==--==--==--==--==--==--  
+ 1-Mantı +  
+ 2-Hamburger +  
+ 3-Margharita Pizza +  
--==--==--==--==--==--==--==--==--
```

A) 5) Desserts

```
--==--  
+ 1-Baklava +  
+ 2-Raspberry Cheesecake +  
+ 3-Chocolate Cake +  
--==--
```

A) 6) Beverages

```
--==--  
+ 1-Tea +  
+ 2-Turkish Cafe +  
+ 3-Cola +  
+ 4-Ice Latte +  
+ 5-Water +  
+ 6-Fruit Juice +  
--==--
```

=>When you give an order,you will see this(As an example , This is what you see when you order tea)

```
Your order received.Tea(0.5$) is preparing  
Total price is: 0.5$
```

=>If the material stock or stocks of the food you have chosen are empty,you will see this message(Cheese Salad as an example)

```
+ 3-Cheese Salad +  
-----  
3  
CHEESE STOCKS ARE EMPTY PLEASE CHOOSE AN OTHER FOOD  
OIL STOCKS ARE EMPTY PLEASE CHOOSE AN OTHER FOOD
```

B) Admin Menu

=> System asks for name and password

```
-Enter admin Username-  
egemen  
-Enter Password-
```

Admin Choices

```
Welcome, egemen
<> <> <> <> <> <> <> <> <> <>
Press 1 for see ingredients Stocks
Press 2 for other stocks
Press 3 for Employee List
Press 4 for Working hours
Press 5 for Paying Salaries
Press 6 to Exit
<> <> <> <> <> <> <> <> <> <>
```

B) 1) Material Stocks and Stock Filling

```
Tomato stock is :2
Oil stock is :1
Mercimek stocks is :9
Yoghurt stocks is :2
Rice stocks is :5
Potato stocks is :8
Onion stocks is :1
Lettuce stocks is :8
Parsley stocks is :0
Chicken stocks is :8
Beef stocks is :7
Carrot stocks is :3
Dough stocks is :7
Meat stocks is :4
  press 1 for organize tomato stocks (10$)
Press 2 for organize Oil stocks (15$)
Press 3 for organize Mercimek stocks (12$)
Press 4 for organize Yogurt stocks (12$)
Press 5 for organize Rice stocks (10$)
Press 6 for organize Potato stocks (3$)
Press 7 for organize Onion stocks (7$)
Press 8 for organize Lettuce stocks (5$)
Press 9 for organize Parsley stocks (5$)
Press 10 for organize Chicken stocks (10$)
Press 11 for organize Beef stocks (20$)
Press 12 for organize Carrot stocks (5$)
Press 13 for organize Dough stocks (5$)
Press 14 for organize Meat stocks (20$)
Press 15 for organize Bread stocks (5$)
PRESS 0 FOR EXIT
PRESS 100 FOR INCREASE ALL THE STOCKS(144.0$)
```

B) 2) Other Stocks

```
Baklava stock is :7
Cheesecake stock is :2
Chocolate Cake stocks is :1
Water stocks is :6
Tea stocks is :2
Latte stocks is :0
Juice stocks is :5
Turkish Coffee stocks is :3
  press 1 for organize baklava stocks (20$)
Press 2 for organize cheesecake stocks (15$)
Press 3 for organize chocolate stocks (12$)
Press 4 for organize water stocks (5$)
Press 5 for organize tea stocks (10$)
Press 6 for organize latte stocks (13$)
Press 7 for organize juice stocks (7$)
Press 8 for organize coffee stocks (7$)
PRESS 0 FOR EXIT
```

B) 3) Employee List

```
Cafe Manager : Ilker Korkmaz
Cashier : Berke Gençkaya
Waiter 1 : Egemen Akgüner
Waiter 2 : Freddy Fazbear
```

B) 4) Working Hours

```
Berke Gençkaya : 1AM-5PM
Egemen Akgüner : 9PM-9AM
Freddy Fazbear : 12AM-6AM
```

B) 5) Salary Paying Menu

```
The total Balance is :1555.0$  
Press 1 for pay Berke Gençkaya's salary (200$)  
Press 2 for pay Egemen Akgüner's salary (120$)  
Press 3 for pay Freddy Fazbear's salary (150$)
```

C)Paying Bill

=>This Option gives you the bill

For example,I ordered Cola(1\$) and
French Fries(1.5\$)

```
Your total bill is :2.5  
Thanks for coming...
```


The purpose of the our restaurant information system that we are developed is make the order systems more easier and more efficient. The services of our application have 3 options at the beginning. First option is for giving order as a customer. The second option for restaurant manager or authorized people. And the last option is paying the bill option for customers. In the first option after we click 1 we are going to see a food or drink categories. For example if you click 4 you can order main courses or for 1 you can order soups. After you give your order you can see the "order received" message and how many dollars this meal have. When the customer ordering , our Total Money Counter increases according to price of a meal. And after this we can

see this money in the admin menu's salary option. And the other thing about the customer order menu is "stocks". If there is no tomato you won't order tomato soup. Before ordering tomato soup you should buy tomato stocks from admin menu. For admin menu firstly you need to enter true username and password. If there is something false you can not enter de admin services. And the system will ask you again username and password. After this part you are going to see admin panel. In admin panel there is some control menus. For example one of the control menu is about restaurant stocks. Another menu is about the restaurant workers. And the program have some info menus like seeing the working hours of our workers. After 2 months we added new functions in our program. Now

we can see or buy a stocks with our total cafe money which we gain from the customers. With total cafe money also we can pay our workers salaries. Because they deserved this money. To sum up we worked for make our program more efficient and real-like. At the end we did what we thought until these days. And we used Java's opportunities. Our programme have almost everything which we studyied in our lectures.

Created by Berke Gençkaya , Buse Özel ,
Egemen Akgüner , Esra Kamalak

Code Part

1—Menus Class

```
1  import java.security.SecureRandom;
2  import java.util.Scanner;
3  public class menus {
4
5
6  public void startMenu() {
7
8      Scanner a = new Scanner(System.in);
9      System.out.println(ANSI_YELLOW + "~~~~~");
10     System.out.println("WELCOME TO A RESTAURANT");
11     System.out.println("~~~~~");
12     System.out.println("For give order , Press 1");
13     System.out.println("For admin login , Press 2");
14     System.out.println("For pay your bill , Press 3");
15     System.out.println("~~~~~"+ANSI_RESET);
16
17
18     int answer = a.nextInt();
19
20     while (true) {
21         switch (answer) {
22             case 1:
23                 System.out.println(ANSI_CYAN+"-----");
24                 System.out.println("-Soups 1-");
25                 System.out.println("-Salads 2-");
26                 System.out.println("-Sides 3-");
27                 System.out.println("-Main course 4-");
28                 System.out.println("-Desserts 5-");
29                 System.out.println("-Beverages 6-");
30                 System.out.println("-----"+ANSI_RESET);
31                 int select = a.nextInt();
32
33                 selectionMenu(select);
34                 break;
35             case 2:
36                 Scanner admin = new Scanner(System.in);
37                 boolean check = true;
38
39                 while (check) {
40
41                     System.out.println("-Enter admin Username-");
42                     String name = admin.next();
43                     System.out.println("-Enter Password-");
44                     String pass = admin.next();
```

```

45
46         if (name.equals(admin_username) && pass.equals(admin_password)) {
47             check = false;
48             adminPanel(name);
49         } else if (name.equals(admin2_username) && pass.equals(admin2_password)) {
50             check = false;
51             adminPanel(name);
52         }
53     }
54
55     else {
56         System.err.println("Try Again!");
57     }
58 }
59 break;
60 case 3:
61     System.out.println("Your total bill is :" + totalPriceCntr);
62     totalPriceCntr=0.0;
63     System.out.println("Thanks for coming...");
64     startMenu();
65     break;
66
67 default:
68
69     System.out.println("Please try again");
70     startMenu();
71
72     break;
73 }
74 break;
75 }
76 }
77
78
79 public void adminPanel(String username) {
80     int control;
81     System.out.println(ANSI_PURPLE+"Welcome, " + username+ANSI_RESET);
82     do {
83         System.out.println(ANSI_BLUE+"<> <> <> <> <> <> <> <>"+ANSI_RESET);
84         System.out.println(ANSI_PURPLE+"Press 1 for see ingredients Stocks");
85         System.out.println("Press 2 for other stocks");
86         System.out.println("Press 3 for Employee List");
87         System.out.println("Press 4 for Working hours");
88         System.out.println("Press 5 for Paying Salaries"+ANSI_RESET);

```

```

89     System.out.println(ANSI_RED+"Press 6 to Exit"+ANSI_RESET);
90     System.out.println(ANSI_BLUE+"<> <> <> <> <> <> <> <>"+ANSI_RESET);
91     Scanner b = new Scanner(System.in);
92     control = b.nextInt();
93     switch (control)
94     {
95
96         case 1:
97             System.out.println(ANSI_YELLOW+"Tomato stock are :" + ANSI_BLUE + tomatoCntr + ANSI_RESET);
98             System.out.println(ANSI_YELLOW+"Oil stock are :" + ANSI_BLUE+ oilCntr+ ANSI_RESET);
99             System.out.println(ANSI_YELLOW+"Mercimek stocks are :"+ANSI_BLUE+lentilCntr+ANSI_RESET);
100             System.out.println(ANSI_YELLOW+"Yoghurt stocks are :" + ANSI_BLUE + yogurtCntr+ANSI_RESET);
101             System.out.println(ANSI_YELLOW+"Rice stocks are :" + ANSI_BLUE + riceCntr+ANSI_RESET);
102             System.out.println(ANSI_YELLOW+"Potato stocks are :" + ANSI_BLUE + potatoCntr + ANSI_RESET);
103             System.out.println(ANSI_YELLOW+"Onion stocks are :" + ANSI_BLUE + onionCntr+ANSI_RESET);
104             System.out.println(ANSI_YELLOW+"Lettuce stocks are :" + ANSI_BLUE+lettuceCntr+ANSI_RESET);
105             System.out.println(ANSI_YELLOW+"Parsley stocks are :" + ANSI_BLUE+parsleyCntr+ANSI_RESET);
106             System.out.println(ANSI_YELLOW+"Chicken stocks are :" + ANSI_BLUE+chickenCntr+ANSI_RESET);
107             System.out.println(ANSI_YELLOW+"Beef stocks are :" + ANSI_BLUE+beefCntr+ANSI_RESET);
108             System.out.println(ANSI_YELLOW+"Carrot stocks are :" + ANSI_BLUE+carrotCntr+ANSI_RESET);
109             System.out.println(ANSI_YELLOW+"Dough stocks are :" + ANSI_BLUE+doughCntr+ANSI_RESET);
110             System.out.println(ANSI_YELLOW+"Meat stocks are :" + ANSI_BLUE+meatCntr+ANSI_RESET);
111             System.out.println(ANSI_YELLOW+"Cheese stocks are :" + ANSI_BLUE+cheeseCntr+ANSI_RESET);
112             System.out.println(ANSI_LIGHTBLUE+"Press 1 for organize Tomato stocks (10$)");
113             System.out.println("Press 2 for organize Oil stocks (15$)");
114             System.out.println("Press 3 for organize Lentil stocks (12$)");
115             System.out.println("Press 4 for organize Yogurt stocks (12$)");
116             System.out.println("Press 5 for organize Rice stocks (10$)");
117             System.out.println("Press 6 for organize Potato stocks (3$)");
118             System.out.println("Press 7 for organize Onion stocks (7$)");
119             System.out.println("Press 8 for organize Lettuce stocks (5$)");
120             System.out.println("Press 9 for organize Parsley stocks (5$)");
121             System.out.println("Press 10 for organize Chicken stocks (10$)");
122             System.out.println("Press 11 for organize Beef stocks (20$)");
123             System.out.println("Press 12 for organize Carrot stocks (5$)");
124             System.out.println("Press 13 for organize Dough stocks (5$)");
125             System.out.println("Press 14 for organize Meat stocks (20$)");
126             System.out.println("Press 15 for organize Bread stocks (5$)");
127             System.out.println("Press 16 for organize Cheese stocks (5$)");
128             System.out.println("PRESS 0 FOR EXIT"+ANSI_RESET);
129             System.out.println(ANSI_GREEN_BACKGROUND+"PRESS 100 FOR INCREASE ALL THE STOCKS(144.0$)"+ANSI_RESET);
130
131             int fillstocks = b.nextInt();
132             switch (fillstocks){

```

```
132 switch (fillstocks){
133     case 0 :
134         adminPanel(gobackadminpanel);
135     case 1:
136         tomatoCntr += 10;
137         totalCafeMoneyCntr-=15.0;
138         System.out.println("10 Tomatoes added to Stocks");
139         adminPanel(gobackadminpanel);
140         break;
141     case 2:
142         oilCntr += 10;
143         totalCafeMoneyCntr-=15.0;
144         System.out.println("10 Litres Oil added to Stocks");
145         adminPanel(gobackadminpanel);
146         break;
147     case 3:
148         lentilCntr +=12;
149         totalCafeMoneyCntr-=10.0;
150         System.out.println("10 Kg Lentil added to Stocks");
151         adminPanel(gobackadminpanel);
152         break;
153     case 4:
154         yogurtCntr +=10;
155         totalCafeMoneyCntr-=12.0;
156         System.out.println("10 Kg Yogurt added to Stocks");
157         adminPanel(gobackadminpanel);
158         break;
159     case 5:
160         riceCntr +=10;
161         totalCafeMoneyCntr-=10.0;
162         System.out.println("10 Kg Rice added to Stocks");
163         adminPanel(gobackadminpanel);
164         break;
165     case 6:
166         potatoCntr +=10;
167         totalCafeMoneyCntr-=3.0;
168         System.out.println("10 Kg Potato added to Stocks");
169         adminPanel(gobackadminpanel);
170         break;
171     case 7:
172         onionCntr +=10;
173         totalCafeMoneyCntr-=7.0;
174         System.out.println("10 Kg Onion added to Stocks");
```



```

175     adminPanel(gobackadminpanel);
176     break;
177
178     case 8:
179         lettuceCntr +=10;
180         totalCafeMoneyCntr-=5.0;
181         System.out.println("10 Kg Lettuce added to Stocks");
182         adminPanel(gobackadminpanel);
183         break;
184
185     case 9:
186         parsleyCntr +=10;
187         totalCafeMoneyCntr-=5.0;
188         System.out.println("10 Kg Parsley added to Stocks");
189         adminPanel(gobackadminpanel);
190         break;
191
192     case 10:
193         chickenCntr +=10;
194         totalCafeMoneyCntr-=10.0;
195         System.out.println("Chicken added to Stocks");
196         adminPanel(gobackadminpanel);
197         break;
198
199     case 11:
200         beefCntr +=10;
201         totalCafeMoneyCntr-=20.0;
202         System.out.println("Beef added to Stocks");
203         adminPanel(gobackadminpanel);
204         break;
205
206     case 12:
207         carrotCntr +=10;
208         totalCafeMoneyCntr-=5.0;
209         System.out.println("10 Kg Carrot added to Stocks");
210         adminPanel(gobackadminpanel);
211         break;
212
213     case 13:
214         doughCntr +=10;
215         totalCafeMoneyCntr-=5.0;
216         System.out.println("10 Kg Dough added to Stocks");
217         adminPanel(gobackadminpanel);
218         break;
219
220     case 14:
221         meatCntr +=10;
222         totalCafeMoneyCntr-=20.0;
223         System.out.println("Meat added to Stocks");
224         adminPanel(gobackadminpanel);
225         break;
226
227     case 15:

```

```

219         breadCntr+=10;
220         totalPriceCntr-=5;
221         System.out.println("Bread added to Stocks");
222         break;
223     case 16:
224         cheeseCntr+=10;
225         totalCafeMoneyCntr-=5.0;
226         System.out.println("Cheese added to stocks");
227         break;
228     case 100:
229         tomatoCntr += 10;
230         oilCntr += 10;
231         lentilCntr +=10;
232         yogurtCntr +=10;
233         riceCntr +=10;
234         potatoCntr +=10;
235         onionCntr +=10;
236         lettuceCntr +=10;
237         parsleyCntr +=10;
238         chickenCntr +=10;
239         beefCntr +=10;
240         carrotCntr +=10;
241         doughCntr +=10;
242         meatCntr +=10;
243         breadCntr+=10;
244         cheeseCntr+=10;
245         totalCafeMoneyCntr-=144.0;
246         System.out.println(ANSI_PURPLE_BACKGROUND+"ALL STOCKS INCREASED"+ANSI_RESET);
247         break;
248     default:
249         System.out.println("Please choose available number");
250         adminPanel(gobackadminpanel);
251         break;
252
253     }
254
255     break;
256 case 2:
257     System.out.println(ANSI_YELLOW+"Baklava stock are :"+ ANSI_BLUE + baklavaCntr + ANSI_RESET);
258     System.out.println(ANSI_YELLOW+"Cheesecake stock are :"+ ANSI_BLUE+ cheesecakeCntr+ ANSI_RESET);
259     System.out.println(ANSI_YELLOW+"Chocolate Cake stocks are :"+ANSI_BLUE+chocolateCntr+ANSI_RESET);
260     System.out.println(ANSI_YELLOW+"Water stocks are :"+ ANSI_BLUE + waterCntr+ANSI_RESET);
261     System.out.println(ANSI_YELLOW+"Tea stocks are :"+ ANSI_BLUE + teaCntr+ANSI_RESET);
262     System.out.println(ANSI_YELLOW+"Latte stocks are :"+ ANSI_BLUE + latteCntr + ANSI_RESET);
263     System.out.println(ANSI_YELLOW+"Biscuits stock are :"+ ANSI_BLUE + biscuitsCntr + ANSI_RESET);

```

```

263 System.out.println(ANSI_YELLOW+"Juice stocks are :"+ ANSI_BLUE + juiceCntr+ANSI_RESET);
264 System.out.println(ANSI_YELLOW+"Turkish Coffee stocks are :"+ ANSI_BLUE+turkishcoffeeCntr+ANSI_RESET);
265 System.out.println(ANSI_LIGHTBLUE+"Press 1 for organize Baklava stocks (20$)");
266 System.out.println("Press 2 for organize cheesecake stocks (15$)");
267 System.out.println("Press 3 for organize chocolate stocks (12$)");
268 System.out.println("Press 4 for organize water stocks (5$)");
269 System.out.println("Press 5 for organize tea stocks (10$)");
270 System.out.println("Press 6 for organize latte stocks (13$)");
271 System.out.println("Press 7 for organize juice stocks (7$)");
272 System.out.println("Press 8 for organize coffee stocks (7$)");
273 System.out.println("PRESS 0 FOR EXIT"+ANSI_RESET);
274 System.out.println(ANSI_GREEN_BACKGROUND+"PRESS 100 FOR INCREASE ALL THE STOCKS(89.0$)+"ANSI_RESET);
275
276 int fillstocks2=scan.nextInt();
277 switch (fillstocks2){
278     case 0:
279         adminPanel(gobackadminpanel);
280     case 1:
281         baklavaCntr+=10;
282         totalCafeMoneyCntr-=20.0;
283         System.out.println("Baklava added to Stocks");
284         break;
285     case 2:
286         cheesecakeCntr+=10;
287         totalCafeMoneyCntr-=15.0;
288         System.out.println("Cheesecake added to Stocks");
289         break;
290     case 3:
291         chocolateCntr+=10;
292         totalCafeMoneyCntr-=12.0;
293         System.out.println("Chocolate Cake added to Stocks");
294         break;
295     case 4 :
296         waterCntr+=10;
297         totalCafeMoneyCntr-=5.0;
298         System.out.println("Water added to Stocks");
299         break;
300     case 5 :
301         teaCntr+=10;
302         totalCafeMoneyCntr-=10.0;
303         System.out.println("Tea added to Stocks");
304         break;
305     case 6 :
306         latteCntr+=10;

```

```

307         totalCafeMoneyCntr-=13.0;
308         System.out.println("Latte added to Stocks");
309         break;
310     case 7 :
311         juiceCntr+=10;
312         totalCafeMoneyCntr-=7.0;
313         System.out.println("Juice added to Stocks");
314         break;
315     case 8 :
316         turkishcoffeeCntr+=10;
317         totalCafeMoneyCntr-=7.0;
318         System.out.println("Turkish Coffee added to Stocks");
319         break;
320     case 100:
321         baklavaCntr+=10;
322         cheesecakeCntr+=10;
323         chocolateCntr+=10;
324         waterCntr+=10;
325         teaCntr+=10;
326         latteCntr+=10;
327         juiceCntr+=10;
328         turkishcoffeeCntr+=10;
329         totalCafeMoneyCntr-=89.0;
330         System.out.println(ANSI_PURPLE_BACKGROUND+"ALL STOCKS INCREASED"+ANSI_RESET);
331     }
332     break;
333 case 3:
334     System.out.println(ANSI_YELLOW+"Cafe Manager : Ilker Korkmaz");
335     System.out.println("Cashier : Berke Genckaya");
336     System.out.println("Waiter 1 : Egemen Akgüner");
337     System.out.println("Waiter 2 : Freddy Fazbear"+ANSI_RESET);
338     adminPanel(gobackadminpanel);
339     break;
340
341 case 4:
342     System.out.println(ANSI_YELLOW+"Berke Genckaya : 1AM-5PM");
343     System.out.println("Egemen Akgüner : 9PM-9AM");
344     System.out.println("Freddy Fazbear : 12AM-6AM"+ANSI_RESET);
345     adminPanel(gobackadminpanel);
346     break;
347 case 5:
348     double totalBalanceCntr=totalCafeMoneyCntr+totalPriceCntr;
349     System.out.println(ANSI_YELLOW+"The total Balance is : " + totalBalanceCntr + "$" +ANSI_RESET);
350     System.out.println(ANSI_CYAN+"Press 1 for pay Berke Genckaya's salary (200$)");

```

```

351 System.out.println("Press 2 for pay Egemen Akgüner's salary (120$)");
352 System.out.println("Press 3 for pay Freddy Fazbear's salary (150$)");
353 System.out.println("Press 4 for pay ...s salary (120$)+"ANSI_RESET");
354 int salary = scan.nextInt();
355 switch (salary){
356     case 1:
357
358         System.out.println("Process successfully completed.");
359         totalCafeMoneyCntr-=200;
360         adminPanel(gobackadminpanel);
361         break;
362     case 2:
363
364         System.out.println("Process successfully completed.");
365         totalCafeMoneyCntr-=120;
366         adminPanel(gobackadminpanel);
367         break;
368     case 3:
369
370         System.out.println("Process successfully completed.");
371         totalCafeMoneyCntr-=150;
372         adminPanel(gobackadminpanel);
373         break;
374     case 4:
375
376         totalCafeMoneyCntr-=120;
377         System.out.println("Process successfully completed.");
378         adminPanel(gobackadminpanel);
379         break;
380     default:
381         adminPanel(gobackadminpanel);
382         break;
383 }
384 case 6:
385     System.out.println("Good Bye!!!");
386     startMenu();
387     break;
388
389 default:
390     System.out.println("Choice a value between 1 and 5");
391 }
392
393 }while (control != 4);

```

```

394     }
395
396     public void selectionMenu(int selection) {
397
398
399         switch (selection) {
400
401
402             case 1:
403                 System.out.println("-----");
404                 System.out.println("+ 1-Lentil Soup +");
405                 System.out.println("+ 2-Yogurt Soup +");
406                 System.out.println("+ 3-Tomato Soup +");
407                 System.out.println("-----");
408                 Scanner b = new Scanner(System.in);
409                 selection = b.nextInt();
410                 soupMenu(selection);
411
412                 break;
413
414             case 2:
415                 System.out.println("-----");
416                 System.out.println("+ 1-Chicken Salad +");
417                 System.out.println("+ 2-Beef Salad +");
418                 System.out.println("+ 3-Cheese Salad +");
419                 System.out.println("-----");
420                 Scanner s = new Scanner(System.in);
421                 selection = s.nextInt();
422                 saladMenu(selection);
423                 break;
424
425             case 3:
426                 System.out.println("-----");
427                 System.out.println("+ 1-Yogurt +");
428                 System.out.println("+ 2-French Fries +");
429                 System.out.println("+ 3-Rice +");
430                 System.out.println("-----");
431                 Scanner m = new Scanner(System.in);
432                 selection = m.nextInt();
433                 sidesMenu(selection);
434                 break;
435
436             case 4:
437                 System.out.println("-----");
438                 System.out.println("+ 1-Mantı +");
439                 System.out.println("+ 2-Hamburger +");

```

```

438         System.out.println("+ 3-Margharita Pizza +");
439         System.out.println("-----");
440         Scanner y = new Scanner(System.in);
441         selection = y.nextInt();
442         maincourseMenu(selection);
443         break;
444     case 5:
445         System.out.println("-----");
446         System.out.println("+ 1-Baklava +");
447         System.out.println("+ 2-Raspberry Cheesecake +");
448         System.out.println("+ 3-Chocolate Cake +");
449         System.out.println("-----");
450         Scanner u = new Scanner(System.in);
451         selection = u.nextInt();
452         desertsMenu(selection);
453         break;
454     case 6:
455         System.out.println("-----");
456         System.out.println("+ 1-Tea +");
457         System.out.println("+ 2-Turkish Cafe +");
458         System.out.println("+ 3-Cola +");
459         System.out.println("+ 4-Ice Latte +");
460         System.out.println("+ 5-Water +");
461         System.out.println("+ 6-Fruit Juice +");
462         System.out.println("-----");
463         Scanner l = new Scanner(System.in);
464         selection = l.nextInt();
465         beveragesMenu(selection);
466         break;
467     default:
468         System.err.println("Please try again");
469         startMenu();
470
471         break;
472 }
473
474 }
475 public void soupMenu(int soup){
476     Scanner b = new Scanner(System.in);
477
478     switch (soup){
479         case 1:
480             if (lentilCtr<=0)
481                 System.out.println( ANSI_RED + "LENTIL STOCKS ARE EMPTY PLEASE CHOOSE AN OTHER FOOD" + ANSI_RESET);

```

```

482     if (oilCnt<=0)
483     |     System.out.println( ANSI_RED + "OIL STOCKS ARE EMPTY PLEASE CHOOSE AN OTHER FOOD" + ANSI_RESET);
484     if (onionCnt<=0)
485     |     System.out.println( ANSI_RED + "ONION STOCKS ARE EMPTY PLEASE CHOOSE AN OTHER FOOD" + ANSI_RESET);
486     if (potatoCnt<=0)
487     |     System.out.println( ANSI_RED + "POTATO STOCKS ARE EMPTY PLEASE CHOOSE AN OTHER FOOD" + ANSI_RESET);
488     if (lentilCnt>0 && oilCnt>0 && onionCnt>0 && potatoCnt>0){
489     |     System.out.println(ANSI_GREEN+"Your order received."+ANSI_RESET);
490     |     totalPriceCnt+=2.0;
491     |     lentilCnt--;
492     |     oilCnt--;
493     |     onionCnt--;
494     |     potatoCnt--;}
495     System.out.println("Total price is: " +totalPriceCnt + "$");
496     startMenu();
497     break;
498     case 2:
499
500     |     if (yogurtCnt<=0)
501     |     |     System.out.println( ANSI_RED + "YOGURT STOCKS ARE EMPTY PLEASE CHOOSE AN OTHER FOOD" + ANSI_RESET);
502     |     if (oilCnt<=0)
503     |     |     System.out.println( ANSI_RED + "OIL STOCKS ARE EMPTY PLEASE CHOOSE AN OTHER FOOD" + ANSI_RESET);
504     |     if (riceCnt<=0)
505     |     |     System.out.println(ANSI_RED + "RICE STOCKS ARE EMPTY PLEASE CHOOSE AN OTHER FOOD" + ANSI_RESET);
506     |     if (yogurtCnt>0 && oilCnt>0 && riceCnt>0){
507     |     |     System.out.println(ANSI_GREEN+"Your order received."+ANSI_RESET);
508     |     |     totalPriceCnt+=2.0;
509     |     |     yogurtCnt--;
510     |     |     oilCnt--;
511     |     |     riceCnt--;}
512     |     System.out.println("Total price is: " +totalPriceCnt + "$");
513     |     startMenu();
514     |     break;
515     case 3:
516
517     |     if (tomatoCnt<=0){
518     |     |     System.out.println( ANSI_RED + "TOMATO STOCKS ARE EMPTY PLEASE CHOOSE AN OTHER FOOD" + ANSI_RESET);}
519     |     if (oilCnt<=0){
520     |     |     System.out.println( ANSI_RED + "OIL STOCKS ARE EMPTY PLEASE CHOOSE AN OTHER FOOD" + ANSI_RESET);
521     |     |     }
522     |     if (tomatoCnt>0 && oilCnt>0){
523     |     |     System.out.println("Your order received.Tomato soup is preparing");
524     |     |     totalPriceCnt+=1.5;
525     |     |     tomatoCnt--;

```



```

526         oilCtr--;
527         System.out.println("Total price is: " +totalPriceCtr + "$");
528         startMenu();
529         break;
530     default:
531         System.out.println("Please choose available number");
532         int x = b.nextInt();
533         soupMenu(x);
534         break;
535     }
536 }
537 }
538
539 public void saladMenu(int salad){
540     Scanner v = new Scanner(System.in);
541     switch (salad){
542         case 1:
543             if (carrotCtr<=0)
544                 System.out.println( ANSI_RED + "CARROT STOCKS ARE EMPTY PLEASE CHOOSE AN OTHER FOOD" + ANSI_RESET);
545             if (chickenCtr<=0)
546                 System.out.println( ANSI_RED + "CHICKEN STOCKS ARE EMPTY PLEASE CHOOSE AN OTHER FOOD" + ANSI_RESET);
547             if (lettuceCtr<=0)
548                 System.out.println( ANSI_RED + "LETTUCE STOCKS ARE EMPTY PLEASE CHOOSE AN OTHER FOOD" + ANSI_RESET);
549             if (parsleyCtr<=0)
550                 System.out.println( ANSI_RED + "PARSLEY STOCKS ARE EMPTY PLEASE CHOOSE AN OTHER FOOD" + ANSI_RESET);
551             if (oilCtr<=0)
552                 System.out.println( ANSI_RED + "OIL STOCKS ARE EMPTY PLEASE CHOOSE AN OTHER FOOD" + ANSI_RESET);
553             if (carrotCtr>0 && chickenCtr>0 && lettuceCtr>0 && parsleyCtr>0 && oilCtr>0){
554                 System.out.println("Your order received.Chicken Salad(4.0 $ ) is preparing");
555                 totalPriceCtr+=4.0;
556                 carrotCtr--;
557                 chickenCtr--;
558                 lettuceCtr--;
559                 parsleyCtr--;
560                 oilCtr--;}
561             System.out.println("Total price is: " +totalPriceCtr + "$");
562             startMenu();
563             break;
564         case 2:
565             if (beefCtr<=0)
566                 System.out.println(ANSI_RED+"BEEF STOCKS ARE EMPTY PLEASE CHOOSE AN OTHER FOOD"+ANSI_RESET);
567             if (oilCtr<=0)
568                 System.out.println( ANSI_RED + "OIL STOCKS ARE EMPTY PLEASE CHOOSE AN OTHER FOOD" + ANSI_RESET);
569             if (lettuceCtr<=0)

```

```

570         System.out.println( ANSI_RED + "LETTUCE STOCKS ARE EMPTY PLEASE CHOOSE AN OTHER FOOD" + ANSI_RESET);
571     if (carrotCntr<=0)
572         System.out.println( ANSI_RED + "CARROT STOCKS ARE EMPTY PLEASE CHOOSE AN OTHER FOOD" + ANSI_RESET);
573     if (parsleyCntr<=0)
574         System.out.println( ANSI_RED + "PARSLEY STOCKS ARE EMPTY PLEASE CHOOSE AN OTHER FOOD" + ANSI_RESET);
575     if (carrotCntr>0 && beefCntr>0 && lettuceCntr>0 && parsleyCntr>0 && oilCntr>0){
576         System.out.println("Your order received.Beef Salad(6.0 $) is preparing");
577         totalPriceCntr+=6.0;
578         carrotCntr--;
579         beefCntr--;
580         lettuceCntr--;
581         parsleyCntr--;
582         oilCntr--;}
583     System.out.println("Total price: " +totalPriceCntr + "$");
584     startMenu();
585     break;
586 case 3:
587     if (cheeseCntr<=0)
588         System.out.println(ANSI_RED+"CHEESE STOCKS ARE EMPTY PLEASE CHOOSE AN OTHER FOOD"+ANSI_RESET);
589     if (oilCntr<=0)
590         System.out.println( ANSI_RED + "OIL STOCKS ARE EMPTY PLEASE CHOOSE AN OTHER FOOD" + ANSI_RESET);
591     if (lettuceCntr<=0)
592         System.out.println( ANSI_RED + "LETTUCE STOCKS ARE EMPTY PLEASE CHOOSE AN OTHER FOOD" + ANSI_RESET);
593     if (carrotCntr<=0)
594         System.out.println( ANSI_RED + "CARROT STOCKS ARE EMPTY PLEASE CHOOSE AN OTHER FOOD" + ANSI_RESET);
595     if (parsleyCntr<=0)
596         System.out.println( ANSI_RED + "PARSLEY STOCKS ARE EMPTY PLEASE CHOOSE AN OTHER FOOD" + ANSI_RESET);
597     if (carrotCntr>0 && cheeseCntr>0 && lettuceCntr>0 && parsleyCntr>0 && oilCntr>0){
598         System.out.println("Your order received.Cheese Salad(3.0$) is preparing");
599         totalPriceCntr+=3.0;
600         carrotCntr--;
601         cheeseCntr--;
602         lettuceCntr--;
603         parsleyCntr--;
604         oilCntr--;}
605     System.out.println("Total price is: " +totalPriceCntr + "$");
606     startMenu();
607     break;
608 default:
609     System.out.println("Please choose available number");
610     int z = v.nextInt();
611     saladMenu(z);
612 }
613 }

```

```

614 public void sidesMenu(int sides){
615     switch (sides){
616         case 1:
617             if (yogurtCnt<=0)
618                 System.out.println( ANSI_RED + "YOGURT STOCKS ARE EMPTY PLEASE CHOOSE AN OTHER FOOD" + ANSI_RESET);
619             if (yogurtCnt>0){
620                 System.out.println("Your order received.Yoghurt(1$) is preparing");
621                 totalPriceCnt+=1.0;
622                 yogurtCnt--;}
623             System.out.println("Total price is: " +totalPriceCnt + "$");
624             startMenu();
625             break;
626         case 2:
627             if (potatoCnt<=0)
628                 System.out.println( ANSI_RED + "POTATO STOCKS ARE EMPTY PLEASE CHOOSE AN OTHER FOOD" + ANSI_RESET);
629             if (oilCnt<=0)
630                 System.out.println( ANSI_RED + "OIL STOCKS ARE EMPTY PLEASE CHOOSE AN OTHER FOOD" + ANSI_RESET);
631             if (potatoCnt>0 & oilCnt>0){
632                 System.out.println("Your order received.French Fries is preparing");
633                 totalPriceCnt+=1.5;
634                 potatoCnt--;
635                 oilCnt--;}
636             System.out.println("Total price is: " +totalPriceCnt + "$");
637             startMenu();
638             break;
639         case 3:
640
641             if (riceCnt<=0)
642                 System.out.println(ANSI_RED + "RICE STOCKS ARE EMPTY PLEASE CHOOSE AN OTHER FOOD" + ANSI_RESET);
643             if (oilCnt<=0)
644                 System.out.println( ANSI_RED + "OIL STOCKS ARE EMPTY PLEASE CHOOSE AN OTHER FOOD" + ANSI_RESET);
645             if (riceCnt>0 & oilCnt>0){
646                 System.out.println("Your order received.Rice is preparing");
647                 totalPriceCnt+=1.5;
648                 riceCnt--;
649                 oilCnt--;}
650             System.out.println("Total price is: " +totalPriceCnt + "$");
651             startMenu();
652             break;
653         default:
654             System.out.println("Please choose available number");
655             int side = scan.nextInt();
656             sidesMenu(side);
657     }

```

```

658     }
659     public void maincourseMenu(int course){
660         switch (course){
661
662             case 1:
663                 if (oilCnt<=0)
664                     System.out.println( ANSI_RED + "OIL STOCKS ARE EMPTY PLEASE CHOOSE AN OTHER FOOD" + ANSI_RESET);
665                 if (yogurtCnt<=0)
666                     System.out.println( ANSI_RED + "YOGURT STOCKS ARE EMPTY PLEASE CHOOSE AN OTHER FOOD" + ANSI_RESET);
667                 if (meatCnt<=0)
668                     System.out.println( ANSI_RED + "MEAT STOCKS ARE EMPTY PLEASE CHOOSE AN OTHER FOOD" + ANSI_RESET);
669                 if (doughCnt<=0)
670                     System.out.println(ANSI_RED + "DOUGH STOCKS ARE EMPTY PLEASE CHOOSE AN OTHER FOOD" + ANSI_RESET);
671                 if (doughCnt>0 && oilCnt>0 && meatCnt>0 && yogurtCnt>0){
672                     System.out.println("Your order received.Manti(4.0$) is preparing");
673                     totalPriceCnt+=4.0;
674                     doughCnt--;
675                     meatCnt--;
676                     oilCnt--;
677                     yogurtCnt--;}
678                 System.out.println("Total price is: " +totalPriceCnt + "$");
679                 startMenu();
680                 break;
681             case 2:
682                 if (breadCnt<=0)
683                     System.out.println( ANSI_RED + "BREAD STOCKS ARE EMPTY PLEASE CHOOSE AN OTHER FOOD" + ANSI_RESET);
684                 if (meatCnt<=0)
685                     System.out.println( ANSI_RED + "MEAT STOCKS ARE EMPTY PLEASE CHOOSE AN OTHER FOOD" + ANSI_RESET);
686                 if (oilCnt<=0)
687                     System.out.println( ANSI_RED + "OIL STOCKS ARE EMPTY PLEASE CHOOSE AN OTHER FOOD" + ANSI_RESET);
688                 if (cheeseCnt<=0)
689                     System.out.println(ANSI_RED+"CHEESE STOCKS ARE EMPTY PLEASE CHOOSE AN OTHER FOOD"+ANSI_RESET);
690                 if (tomatoCnt<=0)
691                     System.out.println( ANSI_RED + "TOMATO STOCKS ARE EMPTY PLEASE CHOOSE AN OTHER FOOD" + ANSI_RESET);
692                 if (lettuceCnt<=0)
693                     System.out.println( ANSI_RED + "LETTUCE STOCKS ARE EMPTY PLEASE CHOOSE AN OTHER FOOD" + ANSI_RESET);
694                 if (meatCnt>0 && oilCnt>0 && cheeseCnt>0 && tomatoCnt>0 && breadCnt>0){
695                     System.out.println("Your order received.Hamburger(3.5$) is preparing");
696                     totalPriceCnt+=3.5;
697                     meatCnt--;
698                     oilCnt--;
699                     cheeseCnt--;
700                     tomatoCnt--;
701                     lettuceCnt--;
702                     breadCnt--;}

```

```

702         breadCtr--;}
703         System.out.println("Total price is: " +totalPriceCtr + "$");
704         startMenu();
705         break;
706     case 3:
707         if (oilCtr<=0)
708             System.out.println( ANSI_RED + "OIL STOCKS ARE EMPTY PLEASE CHOOSE AN OTHER FOOD" + ANSI_RESET);
709         if (cheeseCtr<=0)
710             System.out.println(ANSI_RED+"CHEESE STOCKS ARE EMPTY PLEASE CHOOSE AN OTHER FOOD"+ANSI_RESET);
711         if (tomatoCtr<=0)
712             System.out.println( ANSI_RED + "TOMATO STOCKS ARE EMPTY PLEASE CHOOSE AN OTHER FOOD" + ANSI_RESET);
713         if (doughCtr<=0)
714             System.out.println(ANSI_RED + "DOUGH STOCKS ARE EMPTY PLEASE CHOOSE AN OTHER FOOD" + ANSI_RESET);
715         if (doughCtr>0 && oilCtr>0 && tomatoCtr>0 && cheeseCtr>0){
716             System.out.println("Your order received.Margharita Pizza(4.0$) is preparing");
717             totalPriceCtr+=4.0;
718             oilCtr--;
719             cheeseCtr--;
720             tomatoCtr--;
721             doughCtr--;}
722         System.out.println("Total price is: " +totalPriceCtr + "$");
723         startMenu();
724         break;
725     default:
726         System.out.println("Please choose available number");
727         int main = scan.nextInt();
728         maincourseMenu(main);
729     }
730 }
731 public void desertsMenu(int desert){
732
733     switch (desert){
734         case 1:
735             if (baklavaCtr<=0)
736                 System.out.println("BAKLAVA STOCKS ARE EMPTY PLEASE CHOOSE AN OTHER DESERT");
737             else{
738                 System.out.println("Your order received.Baklava(3.0$) is preparing");
739                 totalPriceCtr+=3.0;
740                 baklavaCtr--;}
741             System.out.println("Total price is: " +totalPriceCtr + "$");
742             startMenu();
743             break;
744         case 2:
745             if (cheesecakeCtr<=0)

```

```

746         System.out.println("CHEESECAKE STOCKS ARE EMPTY PLEASE CHOOSE AN OTHER DESERT");
747     else{
748         System.out.println("Your order received.Raspberry Cheesecake(2.5$) is preparing");
749         totalPriceCtr+=2.5;
750         cheesecakeCtr--;}
751     System.out.println("Total price is: " +totalPriceCtr + "$");
752     startMenu();
753     break;
754 case 3:
755     if (chocolateCtr<=0)
756         System.out.println("CHOCOLATE CAKE STOCKS ARE EMPTY PLEASE CHOOSE AN OTHER DESERT");
757     else{
758         System.out.println("Your order received.Chocolate Cake(2.0$) is preparing");
759         totalPriceCtr+=2.0;
760         chocolateCtr--;}
761     System.out.println("Total price is: " +totalPriceCtr + "$");
762     startMenu();
763     break;
764 default:
765     System.out.println("Please choose available number");
766     int desertt = scan.nextInt();
767     desertsMenu(desertt);
768     break;
769 }
770 }
771 public void beveragesMenu(int bever){
772
773     switch (bever){
774     case 1:
775         if (teaCtr<=0)
776             System.out.println("TEA STOCKS ARE EMPTY PLEASE CHOOSE AN OTHER DRINK");
777         else{
778             System.out.println("Your order received.Tea(0.5$) is preparing");
779             totalPriceCtr+=0.5;
780             teaCtr--;}
781         System.out.println("Total price is: " +totalPriceCtr + "$");
782         startMenu();
783         break;
784     case 2:
785         if (turkishcoffeeCtr<=0)
786             System.out.println("COFFEE STOCKS ARE EMPTY PLEASE CHOOSE AN OTHER DRINK");
787         else{
788             System.out.println("Your order received.Coffee(1.0$) is preparing");
789             totalPriceCtr+=1.0;

```

```

790         turkishcoffeeCntr--;}
791     System.out.println("Total price is: " +totalPriceCntr + "$");
792
793     startMenu();
794     break;
795 case 3:
796     if (colaCntr<=0)
797         System.out.println("COLA STOCKS ARE EMPTY PLEASE CHOOSE AN OTHER DRINK");
798     else{
799         System.out.println("Your order received.Cola(1.0$) is preparing");
800         totalPriceCntr+=1.0;
801         colaCntr--;}
802     System.out.println("Total price is: " +totalPriceCntr + "$");
803     startMenu();
804     break;
805 case 4:
806     if (latteCntr<=0)
807         System.out.println("LATTE STOCKS ARE EMPTY PLEASE CHOOSE AN OTHER DRINK");
808     else{
809         System.out.println("Your order received.Latte(1.5$) is preparing");
810         totalPriceCntr+=1.5;
811         latteCntr--;}
812     System.out.println("Total price is: " +totalPriceCntr + "$");
813     startMenu();
814     break;
815 case 5:
816     if (waterCntr<=0)
817         System.out.println("WATER STOCKS ARE EMPTY PLEASE CHOOSE AN OTHER DRINK");
818     else{
819         System.out.println("Your order received.Tea(0.25$) is preparing");
820         totalPriceCntr+=0.25;
821         waterCntr--;}
822     System.out.println("Total price is: " +totalPriceCntr + "$");
823     startMenu();
824     break;
825 case 6:
826     if (juiceCntr<=0)
827         System.out.println("JUICE STOCKS ARE EMPTY PLEASE CHOOSE AN OTHER DRINK");
828     else{
829         System.out.println("Your order received.Juice(1.0$) is preparing");
830         totalPriceCntr+=1.0;
831         juiceCntr--;}
832     System.out.println("Total price is: " +totalPriceCntr + "$");
833     startMenu();

```

```

834         break;
835     default:
836         System.out.println("Please choose available number");
837         int beverages = scan.nextInt();
838         beveragesMenu(beverages);
839     }
840 }
841
842 public static final String ANSI_RED = "\u001B[31m";
843 public static final String ANSI_RESET = "\u001B[0m";
844 public static final String ANSI_PURPLE = "\u001B[35m";
845 public static final String ANSI_GREEN = "\u001B[32m";
846 public static final String ANSI_YELLOW = "\u001B[33m";
847 public static final String ANSI_BLUE = "\u001B[34m";
848 public static final String ANSI_CYAN = "\u001B[36m";
849 public static final String ANSI_LIGHTBLUE = "\u001B[34;1m";
850 public static final String ANSI_RED_BACKGROUND = "\u001B[41m";
851 public static final String ANSI_GREEN_BACKGROUND = "\u001B[42m";
852 public static final String ANSI_PURPLE_BACKGROUND = "\u001B[45m";
853 public static final String ANSI_BLACK = "\u001B[30m";
854
855
856 public static final String admin_username = "berke";
857 public static final String admin_password = "123";
858 public static final String admin2_username = "egemen";
859 public static final String admin2_password = "321";
860 Scanner scan = new Scanner(System.in);
861 SecureRandom rand = new SecureRandom();
862 String gobackadminpanel = new String();
863 int random;
864 private double totalCafeMoneyCntr = 1590.0;
865 private double totalPriceCntr = 0.0;
866 private int tomatoCntr = random = rand.nextInt( bound: 10);
867 private int oilCntr = random = rand.nextInt( bound: 10);
868 private int lentilCntr = random = rand.nextInt( bound: 10);
869 private int yogurtCntr = random = rand.nextInt( bound: 10);
870 private int riceCntr = random = rand.nextInt( bound: 10);
871 private int potatoCntr = random = rand.nextInt( bound: 10);
872 private int onionCntr = random = rand.nextInt( bound: 10);
873 private int lettuceCntr = random = rand.nextInt( bound: 10);
874 private int parsleyCntr = random = rand.nextInt( bound: 10);
875 private int carrotCntr = random = rand.nextInt( bound: 10);
876 private int chickenCntr = random = rand.nextInt( bound: 10);
877 private int beefCntr = random = rand.nextInt( bound: 10);

```



```

874     private int parsleyCntr=random=rand.nextInt( bound: 10);
875     private int carrotCntr=random=rand.nextInt( bound: 10);
876     private int chickenCntr= random=rand.nextInt( bound: 10);
877     private int beefCntr=random=rand.nextInt( bound: 10);
878     private int meatCntr=random=rand.nextInt( bound: 10);
879     private int doughCntr=random=rand.nextInt( bound: 10);
880     private int cheeseCntr=random=rand.nextInt( bound: 10);
881     private int breadCntr=random=rand.nextInt( bound: 10);
882     private int baklavaCntr=random=rand.nextInt( bound: 10);
883     private int cheesecakeCntr=random=rand.nextInt( bound: 10);
884     private int chocolateCntr=random=rand.nextInt( bound: 10);
885     private int teaCntr=random=rand.nextInt( bound: 10);
886     private int waterCntr=random=rand.nextInt( bound: 10);
887     private int latteCntr=random=rand.nextInt( bound: 10);
888     private int colaCntr=random=rand.nextInt( bound: 10);
889     private int juiceCntr=random=rand.nextInt( bound: 10);
890     private int turkishcoffeeCntr=random=rand.nextInt( bound: 10);
891
892
893
894
895 }

```

2—Main Class

```

1  ▶ public class main {
2
3  ▶  ▾ public static void main(String[] args) {
4      |
5      |     menus myObject = new menus();
6      |     myObject.startMenu();
7      |
8      |
9      | }
10
11
12 }

```