



# ΕΘΝΙΚΟ ΜΕΤΣΟΒΙΟ ΠΟΛΥΤΕΧΝΕΙΟ

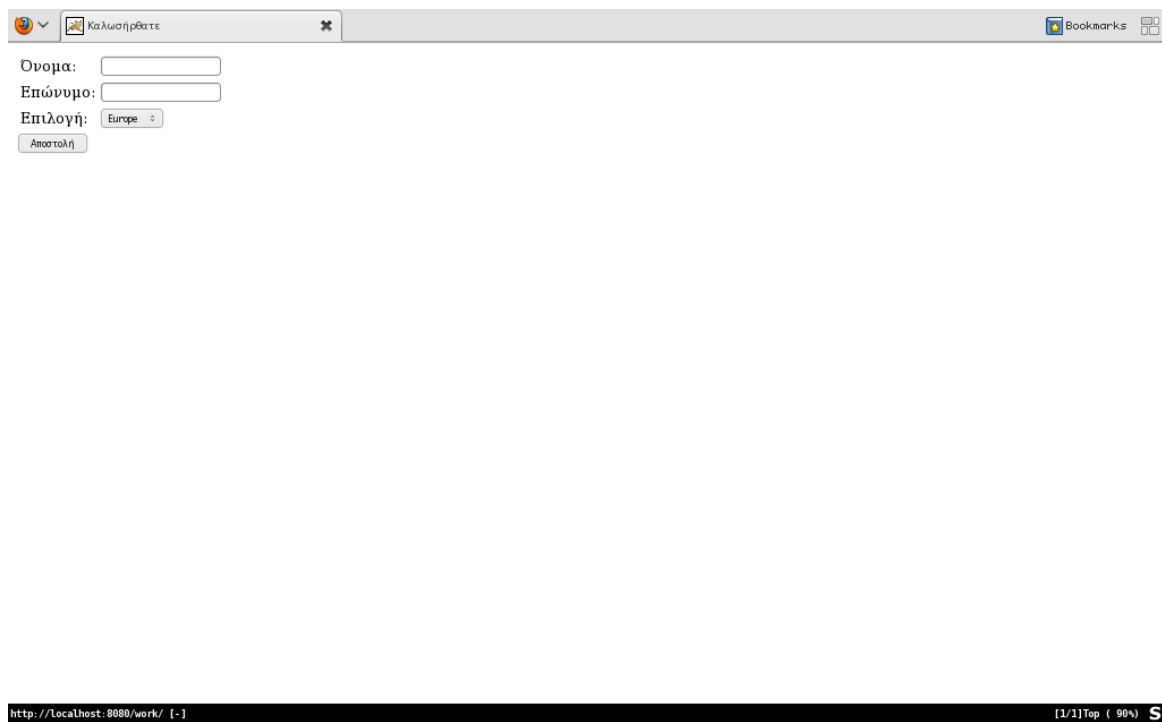
ΣΧΟΛΗ ΗΜ&ΜΥ  
Διαδίκτυο & Εφαρμογές

1<sup>η</sup> Άσκηση  
Ακ. έτος 2011-2012

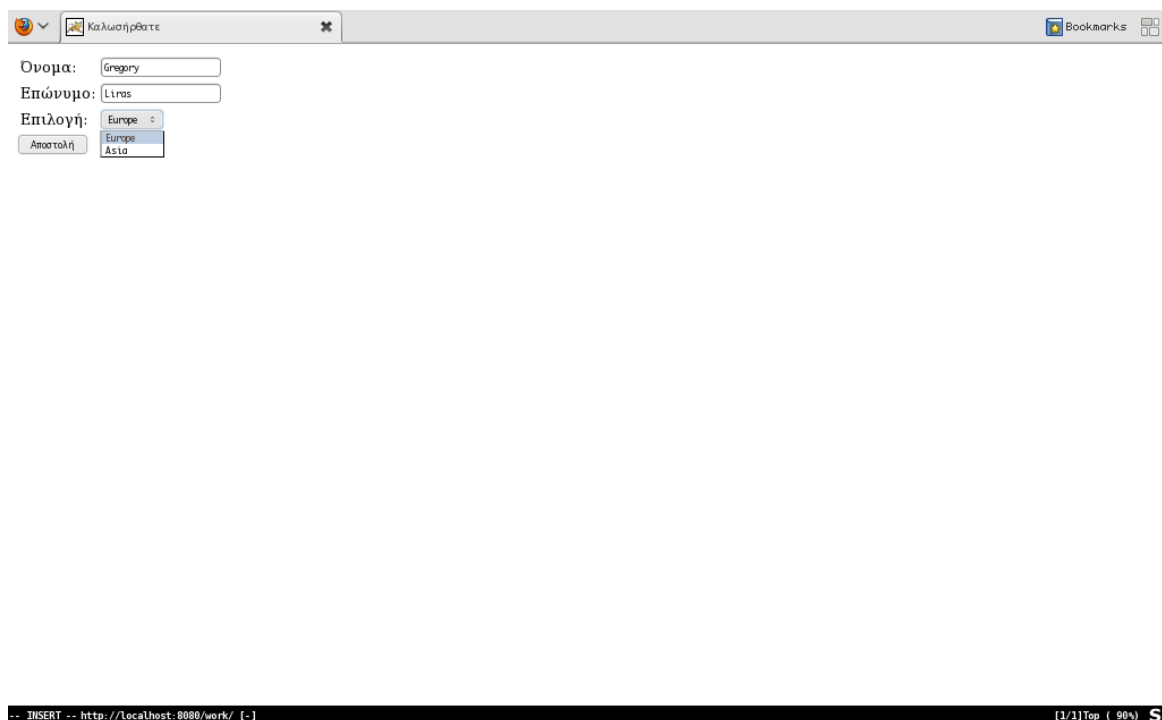
Γρηγόρης Λύρας Α.Μ.: 03109687

27 Απριλίου 2012

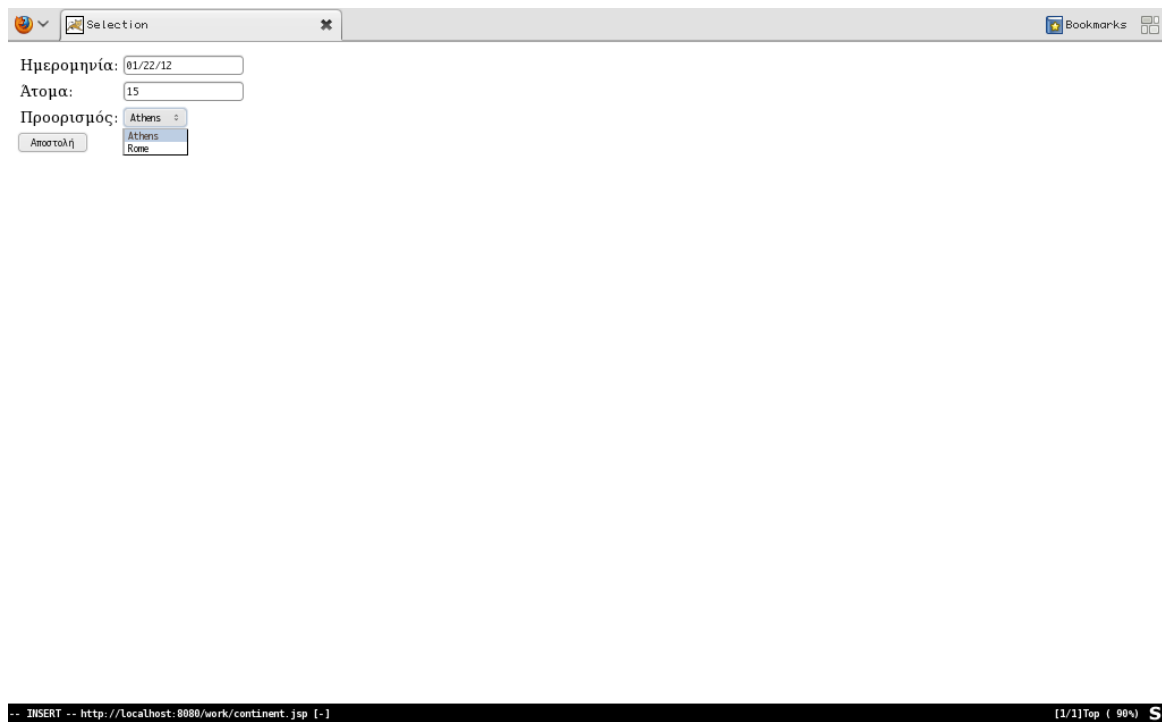
# 1 Οθόνες



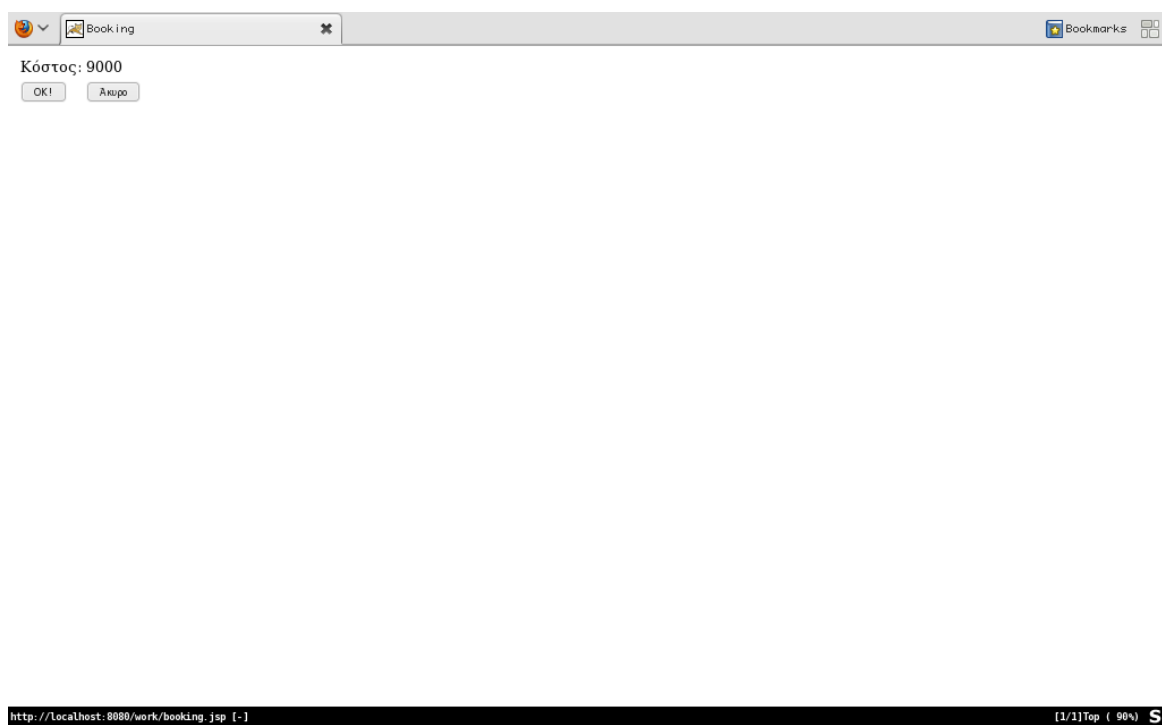
Σχήμα 1: Αρχική σελίδα



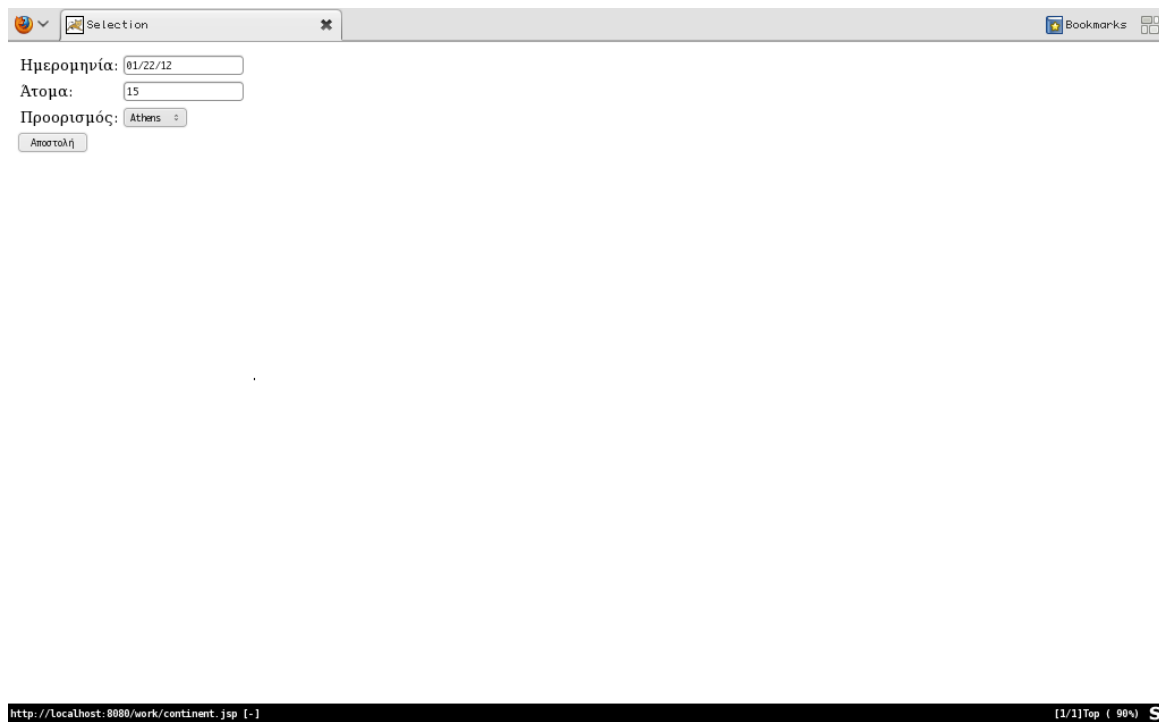
Σχήμα 2: Αρχική σελίδα (γεμάτη)



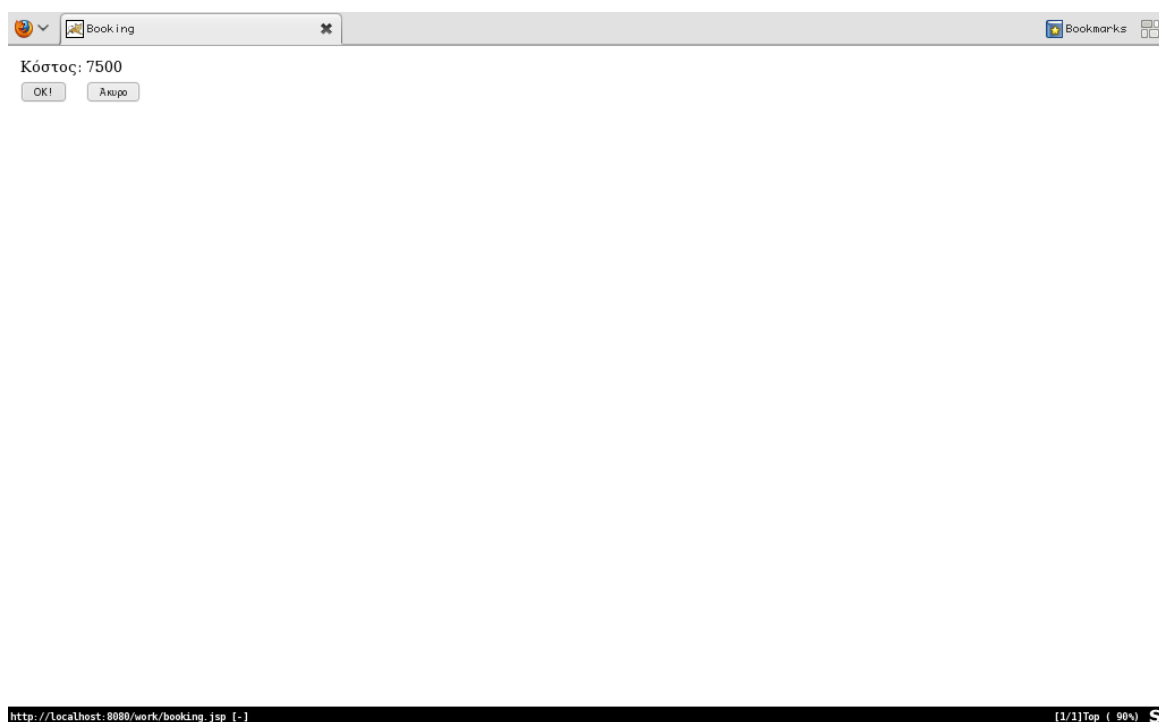
Σχήμα 3: Δεύτερη σελίδα (γεμάτη)



Σχήμα 4: Υπολογισμός κόστους και επιλογή χρήστη (άκυρο)



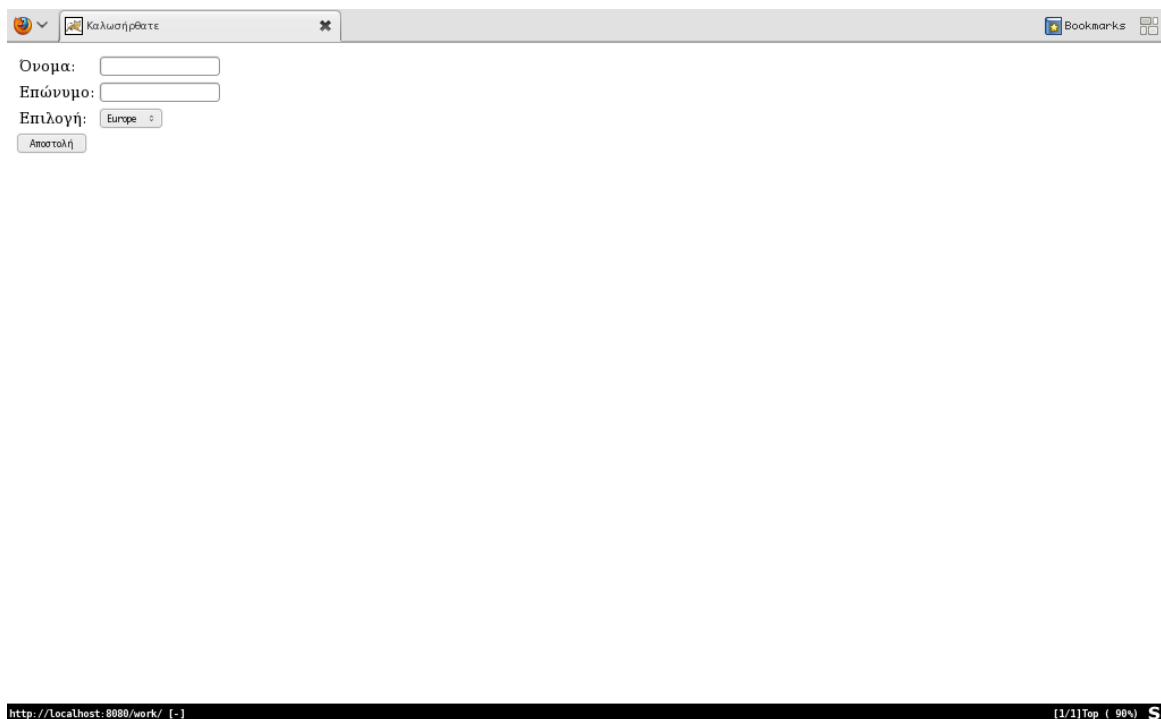
Σχήμα 5: Επιστροφή στην προηγούμενη σελίδα



Σχήμα 6: Νέο κόστος



Σχήμα 7: Τελική σελίδα



Σχήμα 8: Αρχική σελίδα (μετά από πάτημα του "Επανεκκίνηση")

## 2 Κώδικας

### 2.1 Αρχική σελίδα

```
1 <!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">
2 <html>
3 <head>
4 <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
5 <title>Welcome</title>
6 </head>
7 <body>
8
9     <form method="post" action="continent.jsp">
10         <table>
11             <tr>
12                 <td>Name:</td>
13                 <td><input name="name"></td>
14             </tr>
15             <tr>
16                 <td>Surname:</td>
17                 <td><input name="surname"></td>
18             </tr>
19             <tr>
20                 <td>Selection:</td>
21                 <td><select name="selection">
22                     <option selected="selected">Europe</option>
23                     <option>Asia</option>
24                 </select></td>
25             </tr>
26         </table>
27
28         <input type="submit" value="Submit">
29
30     </form>
31
32 </body>
33 </html>
```

### 2.2 Δεύτερη σελίδα

```
1 <%@ page language="java" contentType="text/html; charset=UTF-8"
2     pageEncoding="UTF-8"%>
3 <%!public String[] getSuggestions(String select) {
4     String eCities[] = {"Athens", "Rome"};
5     String aCities[] = {"Beijing", "Amman"};
6     if (select.equals("Europe")) {
7         return eCities;
8     } else {
9         return aCities;
10    }
11 }%>
12
13 <!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">
14 <html>
15 <head>
16 <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
17 <title>Selection</title>
18 </head>
19 <body>
20     <%
21
22         Cookie cookies[] = request.getCookies();
23
24
25         String re[];
26
27         String name = request.getParameter("name");
28         String surname = request.getParameter("surname");
29         String selection = request.getParameter("selection");
30         String date = "";
31         String people = "";
32
33         if (name == null || surname == null || selection == null) {
34             for( int i = 0 ; i < cookies.length ; ++i ) {
35                 if (name == null && cookies[i].getName().equals("name")) {
36                     name = cookies[i].getValue();
37                 }
38                 else if (surname == null && cookies[i].getName().equals("surname")) {
39                     surname = cookies[i].getValue();
40                 }
41                 else if (selection == null && cookies[i].getName().equals("selection")) {
42                     selection = cookies[i].getValue();
43                 }
44                 else if (cookies[i].getName().equals("date")) {
45                     date = cookies[i].getValue();
46                 }
47                 else if (cookies[i].getName().equals("people")) {
```

```

48         people = cookies[i].getValue();
49     }
50
51     }
52
53     }
54     Cookie c1 = new Cookie("name",name);
55     Cookie c2 = new Cookie("surname",surname);
56     Cookie c3 = new Cookie("selection",selection);
57     c1.setMaxAge(120);
58     c2.setMaxAge(120);
59     c3.setMaxAge(120);
60
61     response.addCookie(c1);
62     response.addCookie(c2);
63     response.addCookie(c3);
64
65     re = getSuggestions(selection);
66     %>
67     <form method="post" action="booking.jsp">
68         <table>
69             <tr>
70                 <td>Date:</td>
71                 <td><input name="date" value="<%=date %>"></td>
72             </tr>
73             <tr>
74                 <td>People:</td>
75                 <td><input name="people" value="<%=people %>"></td>
76             </tr>
77             <tr>
78                 <td>Destination:</td>
79                 <td><select name="destination">
80                     <option selected="selected">
81                         <%=re[0] %></option>
82                     <option>
83                         <%=re[1] %></option>
84                 </select></td>
85             </tr>
86         </table>
87         <input type="submit" value="Submit">
88     </form>
89 </body>
90 </html>

```

## 2.3 Τρίτη σελίδα

```

1  <%@ page language="java" contentType="text/html; charset=UTF-8"
2      pageEncoding="UTF-8"%>
3  <!--public int getPrice(String select) {
4      if (select.equals("Athens")) {
5          return 500;
6      } else if (select.equals("Rome")) {
7          return 600;
8      } else if (select.equals("Beijing")) {
9          return 750;
10     } else if (select.equals("Amman")) {
11         return 550;
12     }
13     return 0;
14 }%>
15 <!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">
16 <html>
17 <head>
18 <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
19 <title>Booking</title>
20 </head>
21 <body>
22     <%
23         String dest = request.getParameter("destination");
24         String date = request.getParameter("date");
25
26         String people = request.getParameter("people");
27
28         Cookie c1 = new Cookie("destination", dest);
29         Cookie c2 = new Cookie("price", "" + Integer.parseInt(people)
30             * getPrice(dest));
31         Cookie c3 = new Cookie("date", date);
32         Cookie c4 = new Cookie("people", people);
33
34         response.addCookie(c1);
35         response.addCookie(c2);
36         response.addCookie(c3);
37         response.addCookie(c4);
38     %>
39     <h2>Press OK if you accept or cancel otherwise</h2>
40     <table>
41         <tr>

```

```

42         <td>Cost:</td>
43         <td><%=Integer.parseInt(people) * getPrice(dest)%></td>
44     </tr>
45     <tr>
46         <td><form method="post" action="final.jsp">
47             <input type="submit" value="OK">
48         </form></td>
49         <td><form method="post" action="continent.jsp">
50             <input type="submit" value="Cancel">
51         </form></td>
52     </tr>
53 </table>
54 </body>
55 </html>

```

## 2.4 Τέταρτη σελίδα

```

1  <%@ page language="java" contentType="text/html; charset=UTF-8"
2      pageEncoding="UTF-8"%>
3  <!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">
4  <html>
5  <head>
6  <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
7  <title>Finalizing</title>
8  </head>
9  <body>
10
11      <%
12          Cookie cookies[] = request.getCookies();
13          String name, surname, selection, destination, price, order;
14          String date, people;
15          int cost = 0;
16          name = "";
17          surname = "";
18          selection = "";
19          destination = "";
20          price = "";
21          date = "";
22          people = "";
23
24
25          for (int i = 0; i < cookies.length; ++i) {
26              if (cookies[i].getName().equals("name")) {
27                  name = cookies[i].getValue();
28                  cookies[i].setMaxAge(0);
29              } else if (cookies[i].getName().equals("surname")) {
30                  surname = cookies[i].getValue();
31              } else if (cookies[i].getName().equals("selection")) {
32                  selection = cookies[i].getValue();
33              } else if (cookies[i].getName().equals("destination")) {
34                  destination = cookies[i].getValue();
35              } else if (cookies[i].getName().equals("price")) {
36                  price = cookies[i].getValue();
37              } else if (cookies[i].getName().equals("date")) {
38                  date = cookies[i].getValue();
39              } else if (cookies[i].getName().equals("people")) {
40                  people = cookies[i].getValue();
41              }
42              cookies[i].setMaxAge(0);
43          }
44      %>
45      <h2>Your order has been placed</h2>
46      <table>
47          <tr>
48
49              <td>Name:</td>
50              <td><%=name%></td>
51          </tr>
52          <tr>
53              <td>Surname:</td>
54              <td><%=surname%></td>
55          </tr>
56
57          <tr>
58              <td>Selection:</td>
59              <td><%=selection%></td>
60          </tr>
61          <tr>
62              <td>Destination:</td>
63              <td><%=destination%></td>
64          </tr>
65          <tr>
66              <td>Date:</td>
67              <td><%=date%></td>
68          </tr>
69          <tr>
70              <td>People:</td>
71              <td><%=people %></td>

```



```
72         </tr>
73         <tr>
74             <td>Price:</td>
75             <td><%=price %></td>
76         </tr>
77
78     </table>
79     <form action="/work"><input type="submit" value="Restart"></form>
80
81 </body>
82 </html>
```