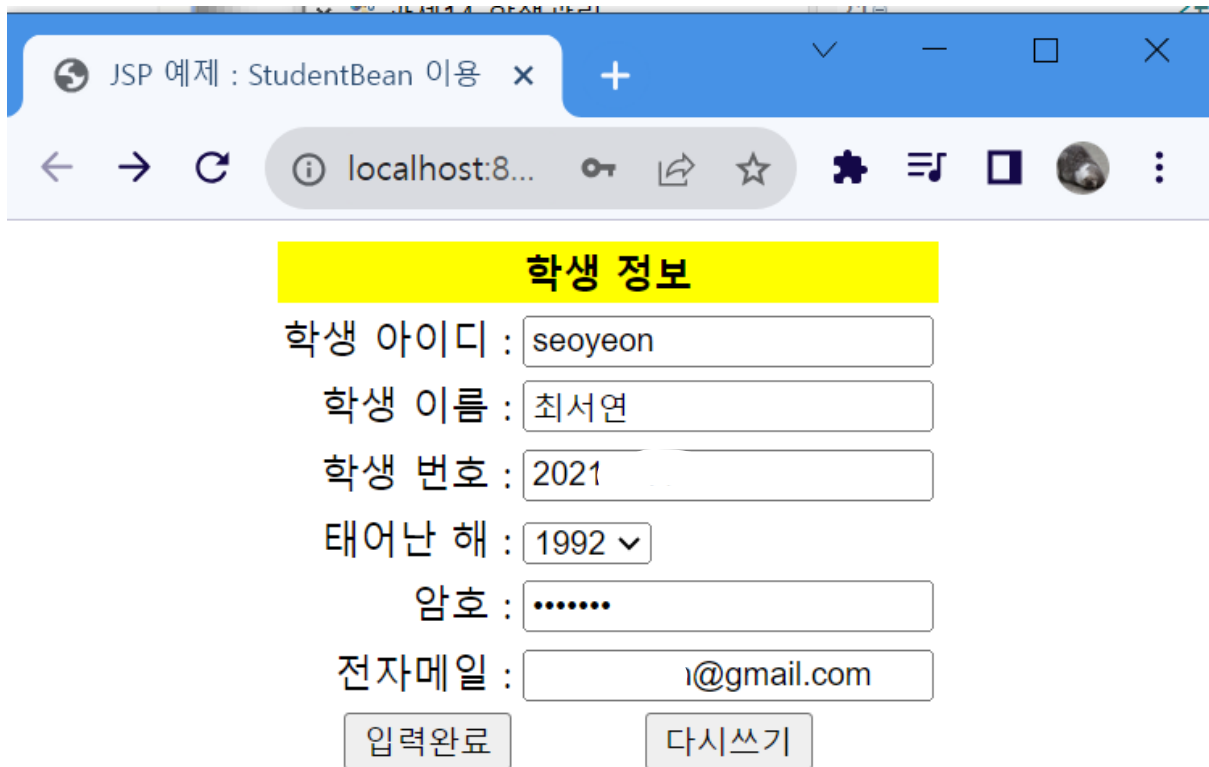


실습과제

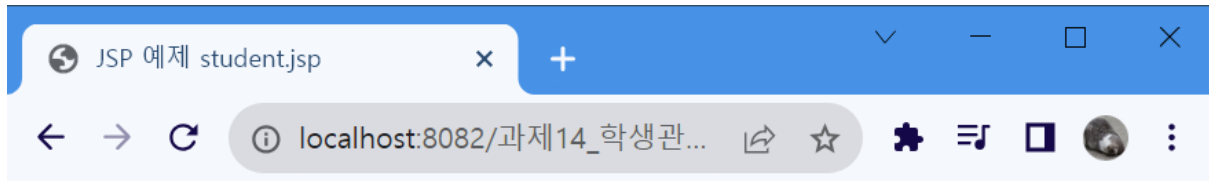
- ❶ 학생정보처리 프로그램을 완성하시오
 - 마지막 사례(슬라이드 41-)

실행 결과



The screenshot shows a web browser window with the title "JSP 예제 : StudentBean 이용". The address bar shows "localhost:8...". The form is titled "학생 정보" (Student Information) and contains the following fields and buttons:

학생 정보	
학생 아이디 :	<input type="text" value="seoyeon"/>
학생 이름 :	<input type="text" value="최서연"/>
학생 번호 :	<input type="text" value="2021"/>
태어난 해 :	<input type="text" value="1992"/>
암호 :	<input type="password" value="....."/>
전자메일 :	<input type="text" value="...@gmail.com"/>
<input type="button" value="입력완료"/> <input type="button" value="다시쓰기"/>	



JavaBean StudentBean을 이용한 예제

폼에서 전달받은 학생 정보를 그대로 자바빈 StudentBean에 저장

JavaBean StudentBean에 저장된 정보를 조회 출력

학생 ID : seoyeon
학생 이름 : 최서연
학생 번호 : 2021
나이 (생년) : 32(1992)
암호 : seoyeon
전자메일 : seoyeon@gmail.com

코드

html

```
0. <!DOCTYPE html>
1. <html>
2. <head>
3. <meta charset="UTF-8">
4. <title>JSP 예제 : StudentBean 이용</title>
5. </head>
6. <body>
7.
8. <form name=student method=post action=student.jsp>
9. <center>
10. <table cellpadding=1 cellspacing=2>
11. <tr bgcolor=yellow>
12. <td align=center colspan=2>
13. <b>학생 정보</b>
14. </td>
15. </tr>
16. <tr>
17. <td align=right>학생 아이디 : </td>
18. <td><input type="text" name="id"></td>
19. </tr>
20. <tr>
21. <td align=right>학생 이름 : </td>
22. <td><input type="text" name="name"></td>
23. </tr>
24. <tr>
25. <td align=right>학생 번호 : </td>
26. <td><input type="text" name="snum"></td>
27. </tr>
28. <tr>
29. <td align=right>태어난 해 : </td>
30. <td>
31. <select name="year">
32. <option selected value="1990">1990</option>
33. <option value="1991">1991</option> <option value="1992">1992</option>
34. <option value="1993">1993</option> <option value="1994">1994</option>
35. <option value="1995">1995</option> <option value="1996">1996</option>
36. </select>
```

```
37. </td>
38. </tr>
39. <tr>
40. <td align=right>암호 : </td>
41. <td><input type="password" name="pass"></td>
42. </tr>
43. <tr>
44. <td align=right>전자메일 : </td>
45. <td><input type="text" name="email"></td>
46. </tr>
47. <tr>
48. <td align=right>
49. <input type="submit" value="입력완료">
50. </td>
51. <td align=center>
52. <input type="reset" value="다시쓰기">
53. </td>
54. </tr>
55. </table>
56. </center></form>
57. </body>
58. </html>
```

jsp

```
0. <%@ page language="java" contentType="text/html; charset=UTF-8"
1. pageEncoding="UTF-8"%>
2. <!DOCTYPE html>
3. <html>
4. <head>
5. <meta charset="UTF-8">
6. <title>JSP 예제 student.jsp</title>
7. </head>
8. <body>
9.
10. <h2>JavaBean StudentBean을 이용한 예제</h2>
11. <% request.setCharacterEncoding("utf-8"); %>
12. <jsp:useBean id="student" class="javabeen.StudentBean" scope="page" />
13.
14. <hr>
15. <h3>폼에서 전달받은 학생 정보를 그대로 자바빈 StudentBean에 저장</h3><p>
16. <jsp:setProperty name="student" property="*" />
17.
18. <hr>
19. <h3>JavaBean StudentBean에 저장된 정보를 조회 출력</h3><p>
20.
21. 학생 ID : <jsp:getProperty name="student" property="id"/><br>
22. 학생 이름 : <jsp:getProperty name="student" property="name"/><br>
23. 학생 번호 : <jsp:getProperty name="student" property="snum"/><br>
24. 나이 (생년) : <%=student.getAge() %>(<jsp:getProperty name="student"
property="year"/>)<br>
25. 암호 : <jsp:getProperty name="student" property="pass"/><br>
26. 전자메일 : <jsp:getProperty name="student" property="email"/><br>
27. </body>
28. </html>
```

bean

```
0. package javabean;
1.
2. import java.util.Calendar;
3.
4. public class StudentBean {
5.     private String id;
6.     private String name;
7.     private String snum;
8.     private int year;
9.     private String pass;
10.    private String email;
11.    public String getId() {
12.        return id;
13.    }
14.    public void setId(String id) {
15.        this.id = id;
16.    }
17.    public String getName() {
18.        return name;
19.    }
20.    public void setName(String name) {
21.        this.name = name;
22.    }
23.    public String getSnum() {
24.        return snum;
25.    }
26.    public void setSnum(String snum) {
27.        this.snum = snum;
28.    }
29.    public int getYear() {
30.        return year;
31.    }
32.    public void setYear(int year) {
33.        this.year = year;
34.    }
35.    public String getPass() {
36.        return pass;
37.    }
```

```
38. public void setPass(String pass) {
39.     this.pass = pass;
40. }
41. public String getEmail() {
42.     return email;
43. }
44. public void setEmail(String email) {
45.     this.email = email;
46. }
47.
48. public int getAge() {
49.     Calendar today = Calendar.getInstance();
50.     int tyear = today.get(Calendar.YEAR);
51.     return (tyear-this.year+1);
52. }
53. }
```