

Homework 1: Make HTML Pages

For this homework, you create simple webpages and practice using the basic version control features of Subversion (svn).

You will do this homework as a team; however, each member of your team will be responsible for the completion of a particular task.

Step 1. Checkout a project skeleton

Rather than starting from scratch, you're going to start off with a project skeleton. Each team member must perform this step, so that each has a working copy of the project.

To get a copy of your skeleton, repeat Step 5 (checkout the example web app) from Homework 0 with the following modifications:

- **URL:** https://svn.cs.memphis.edu/svn/comp7012-2014spring/teams/YOUR_TEAM/
Where you should replace *YOUR_TEAM* with your team's name (all lowercase; e.g., "falcon"). To test whether you have the correct URL, try entering it into a web browser.
- Fill in the **User** and **Password** fields with login information you received in class.
- Checkout the **trunk** subfolder of **xleague**.
- Don't forget to do a **Maven > Update Project**.

This time around, you can commit changes you make to the code into the repository. Do so by right-clicking on the project in the **Project Explorer**, and clicking **Team > Commit**. A dialog will pop up that shows you what files are being added/removed/updated and that allows you to enter a log message describing what changes you made.

Step 2. Create two web pages

Each team member must choose a task from the five given below. Each task involves reverse engineering two web pages base on screenshots of the pages. All team members must do a different task. If your team has only four members, then ignore Task 5.

Each team member must create HTML5 files in the appropriate subdirectory of the **src/main/webapp/** directory, and must name each file as shown in its screenshot (see the location bar; e.g., **players/updateForm.html** for Task 1a).

The HTML file you create must look identical to the picture. (Google Chrome is the browser in the screenshots.) Note that your page should use only basic HTML (no CSS, no JavaScript). Be careful not to miss any of formatting details.

Hint: Don't forget about the page title that appears in the browser tab.

Step 3. Submit (by tagging) your team's submission

Attention! Before performing this step, you must make sure that all team members have committed their edits to the **trunk** in the repository.

Only one team member (the team lead) performs the following.

First, you must fill out the **README.txt** file in your project's **trunk**. The file should list which team member performed each task (one team member per task; use their login IDs).

To submit work in this course, you must tag it. Then, I will checkout the revision that you tagged and grade it. By tagging, you tell me that you are done, and this is the version you want me to grade.

The tag you must use for this homework is **hw1** (case sensitive, no spaces).

To tag the current revision of your trunk as **hw1**, do as follows:

1. Go to the **SVN Repository Exploring** perspective in Eclipse.
2. In the **SVN Repositories** view, find the **trunk** folder that you want to tag.
3. Right-click on the **trunk** folder, and click **Show History**. This should open the **History** view with a table listing the past commits to the **trunk**.
4. In the History table, right-click the newest revision (i.e., the one with the greatest revision number), and click **Tag from...** This should open a **Create Tag** dialog.
5. Enter **hw1** into the **Tag** field and optionally enter a log comment, then click **OK**. This should create the tag!

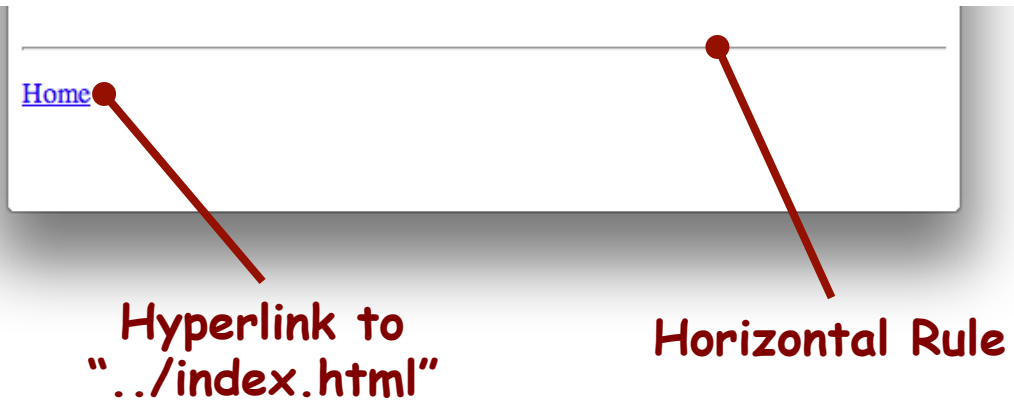
To verify that tagging was successful, open the following URL in a web browser (replacing *YOUR_TEAM* with the appropriate name):

- https://svn.cs.memphis.edu/svn/comp7012-2014spring/teams/YOUR_TEAM/xleague/tags/

You should see an **hw1** folder, and within that folder should be the **src** folder along with the **.project**, **README.txt**, and **pom.xml** files. Everyone's HTML files should be in the **src/main/webapp/** subfolders.

The Tasks

Each webpage below has the following footer.



Task 1a : Update-Player Form

Update-Player Form } Level-1 Header
} Paragraph

Use this form to update a player's info.

- First Name:
- Last Name:
- Handed
- Height: Feet Inches
- Weight: lbs.

[Home](#)

--Choose One--
✓ Right
Left
Both

--Choose One--
✓ 5
3
4
6
7

--Choose One--
✓ 11
0
1
2
3
4
5
6
7
8
9
10
12

Unordered List

All the fields/dropdowns/buttons must be part of the same form, with the following attributes:

- Method: post
- Action: ../players/update.do

Task 1b: Players Index

Players Index Level-1 Header

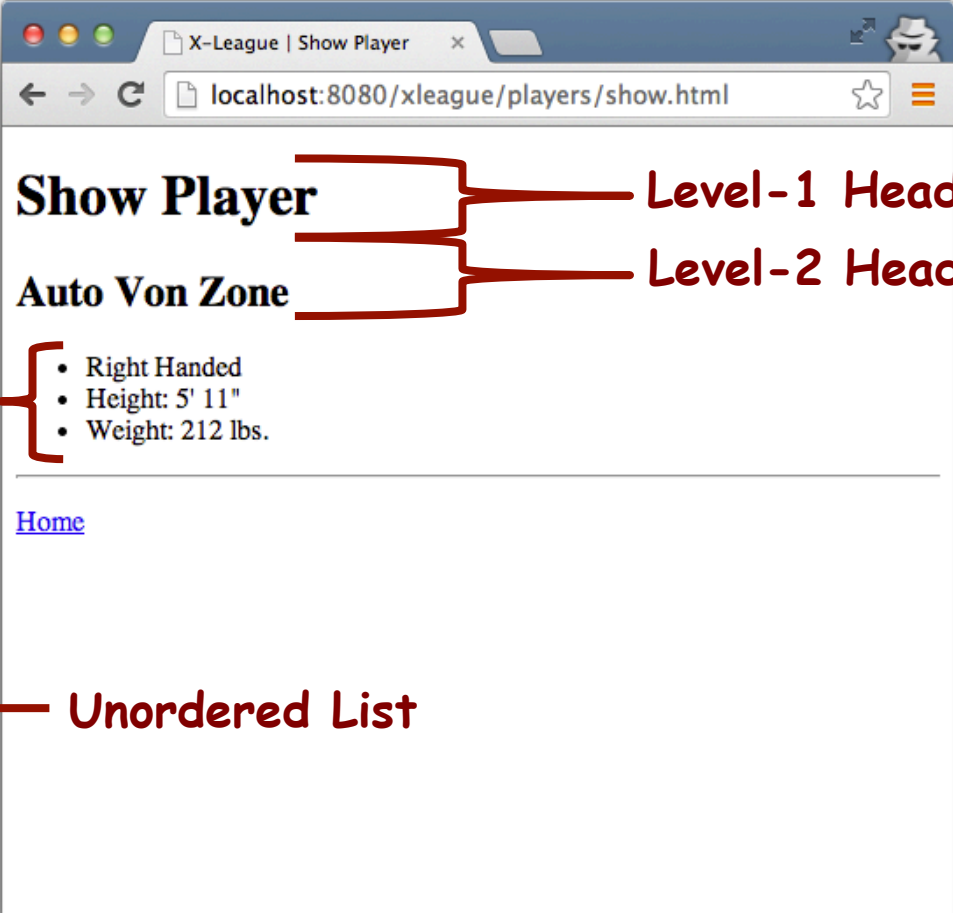
This page lists all the players. Paragraph

Name	Handed	Height	Weight
Chris Brothers	Both	5' 7"	163 lbs.
Fed Ecks	Right	6' 2"	244 lbs.
Bud Island	Left	6' 9"	198 lbs.
Jill Morris	Right	6' 8"	141 lbs.
Miss Rivers	Left	5' 6"	135 lbs.
Bill Street	Right	5' 4"	173 lbs.
Auto Von Zone	Right	5' 11"	212 lbs.

Table

[Home](#)

Task 2a: Show Player



The screenshot shows a web browser window with the following content:

- Browser title: X-League | Show Player
- Address bar: localhost:8080/xleague/players/show.html
- Page content:
 - Show Player** (Level-1 Header)
 - Auto Von Zone** (Level-2 Header)
 - Unordered list:
 - Right Handed
 - Height: 5' 11"
 - Weight: 212 lbs.
 - [Home](#)

Red annotations with brackets and lines point to the following elements:

- Level-1 Header** points to "Show Player".
- Level-2 Header** points to "Auto Von Zone".
- Unordered List** points to the list of player attributes.

Task 2b: Delete-Players Form

The screenshot shows a web browser window with the address bar displaying `localhost:8080/xleague/players/deleteForm.html`. The page content includes a heading, a paragraph, a button, a table, and a link. Red handwritten annotations with brackets identify the following elements:

- Delete-Players Form**: Level-1 Header
- Use this form to delete players.: Paragraph
- Delete Selected: Button
- Table with columns 'x' and 'Name' containing rows for Chris Brothers, Bud Island, Jill Morris, Miss Rivers, Bill Street, and Auto Von Zone: Table
- Home: Link

x	Name
<input type="checkbox"/>	Chris Brothers
<input type="checkbox"/>	Bud Island
<input type="checkbox"/>	Jill Morris
<input type="checkbox"/>	Miss Rivers
<input type="checkbox"/>	Bill Street
<input type="checkbox"/>	Auto Von Zone

All the checkboxes/buttons must be part of the same form, with the following attributes:

- Method: post
- Action: ../players/delete.do

Task 3a: Team Index

The screenshot shows a web browser window with the following content:

- Page Title:** X-League | Team Index
- Address Bar:** localhost:8080/xleague/teams/index.html
- Content:**
 - Level-1 Header:**

Team Index
 - Paragraph:**

This page lists all the teams.
 - Table:**

Team	City	State	Owner
Biscuits	Nashville	TN	Miley Cyrus
Boomerangs	Knoxville	TN	Cormac McCarthy
Hackers	Memphis	TN	B.B. King
 - Link:** [Home](#)

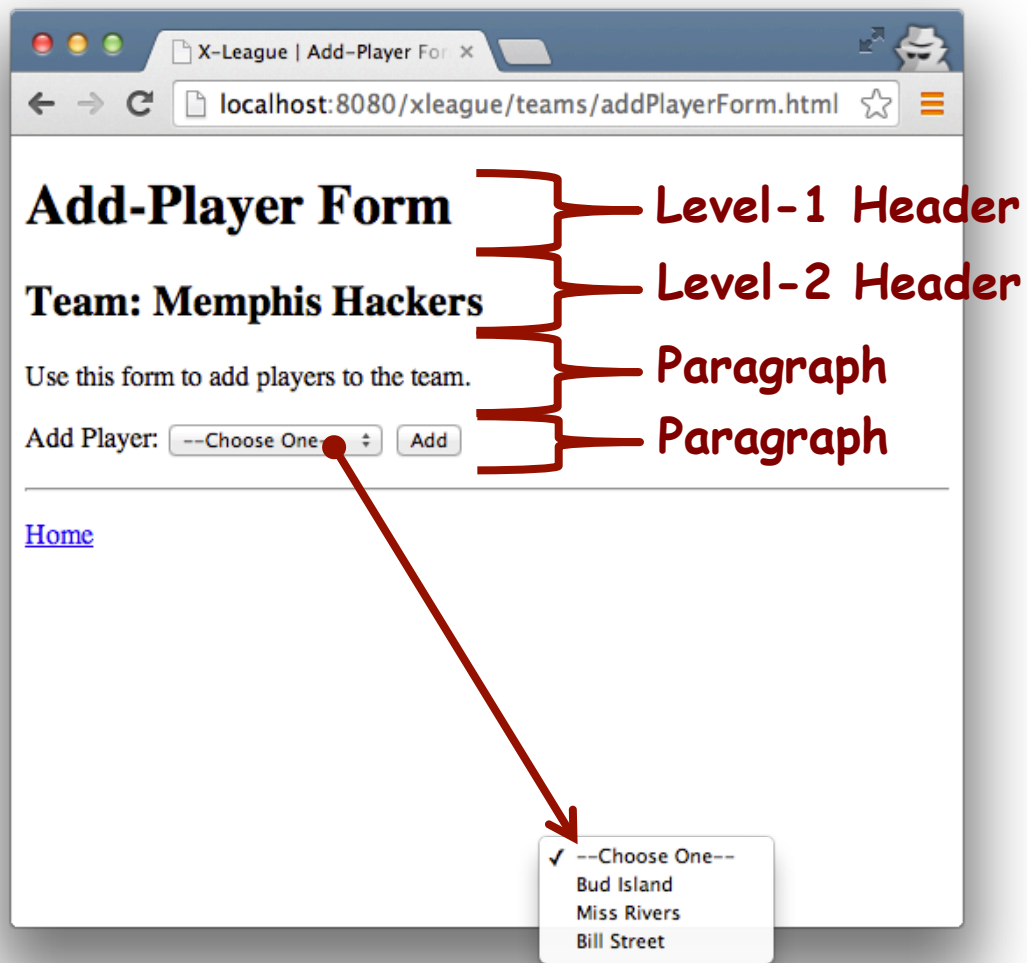
Red annotations on the right side of the page identify the following elements:

- Level-1 Header:** Points to the

Team Index

 title.
- Paragraph:** Points to the text "This page lists all the teams."
- Table:** Points to the table listing teams, cities, states, and owners.

Task 3b: Add-Player Form



All the dropdowns/buttons must be part of the same form, with the following attributes:

- Method: post
- Action: ../teams/addPlayer.do

Task 4a: Update-Team Form

Update-Team Form } Level-1 Header

Use this form to update a player's info. } Paragraph

- Name: Hackers
- City: Memphis
- State: TN
- Owner: B.B. King

Apply

[Home](#)

Unordered List

--Choose One--
AL
AK
AZ
AR
CA
CO
CT
DE
DC
FL
GA
HI
ID
IL
IN
IA
KS
KY
... and the rest of the 50 states + DC

All the fields/dropdowns/buttons must be part of the same form, with the following attributes:

- Method: post
- Action: ../teams/update.do

Team 4b: Delete-Teams Form

The screenshot shows a web browser window with the address bar displaying 'localhost:8080/xleague/teams/deleteForm.html'. The page content includes a heading, a paragraph, a button, and a table. Red handwritten annotations with arrows point to these elements:

- Delete-Teams Form**: Labeled as a **Level-1 Header**.
- Use this form to delete teams.**: Labeled as a **Paragraph**.
- Delete Selected**: A button.
- | x | Team |
|--------------------------|----------------------|
| <input type="checkbox"/> | Nashville Biscuits |
| <input type="checkbox"/> | Knoxville Boomerangs |
| <input type="checkbox"/> | Memphis Hackers |

: Labeled as a **Table**.

At the bottom of the page, there is a blue link labeled [Home](#).

All the checkboxes/buttons must be part of the same form, with the following attributes:

- Method: post
- Action: ../teams/delete.do

Task 5a: Show Team

The screenshot shows a web browser window with the address bar displaying `localhost:8080/xleague/teams/show.html`. The page content includes:

- Show Team** (Level-1 Header)
- Hackers** (Level-2 Header)
- An unordered list with four items:
 - City: Memphis
 - State: TN
 - Owner: B.B. King
 - Players:
 - Chris Brothers
 - Fed Ecks
 - Jill Morris
 - Auto Von Zone
- A horizontal line
- A [Home](#) link

Red annotations on the right side of the page identify the following elements:

- Level-1 Header** points to "Show Team".
- Level-2 Header** points to "Hackers".
- Nested Unordered List** points to the "Players" sub-list.
- Unordered List** points to the main list of team details.

Task 5b: Drop-Player Form

The screenshot shows a web browser window with the URL `localhost:8080/xleague/teams/dropPlayerForm.html`. The page content is as follows:

- Drop-Player Form** (Level-1 Header)
- Team: Memphis Hackers** (Level-2 Header)
- Use this form to drop players from the team. (Paragraph)
- Drop Player: (Paragraph)

A red arrow points from the dropdown menu to a list of player names:

- ✓ --Choose One--
- Chris Brothers
- Fed Ecks
- Jill Morris
- Auto Von Zone

All the dropdowns/buttons must be part of the same form, with the following attributes:

- Method: post
- Action: ../teams/dropPlayer.do