

Web Programming

LAB – HTML BASIC

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Tables

- Tables are used for displaying data on matrix-view
- Tables are defined with the **<table>** tag.
- Tables are divided into **table rows** with the **<tr>** tag.
- Table rows are divided into **table data** with the **<td>** tag.
- A table row can also be divided into **table headings** with the **<th>** tag.

Basic table code

```
<table style="width:100%">
  <tr>
    <td>Jill</td>
    <td>Smith</td>
    <td>50</td>
  </tr>
  <tr>
    <td>Eve</td>
    <td>Jackson</td>
    <td>94</td>
  </tr>
</table>
```

A border can be added using the border attribute:

```
<table border="1">
```

Table span

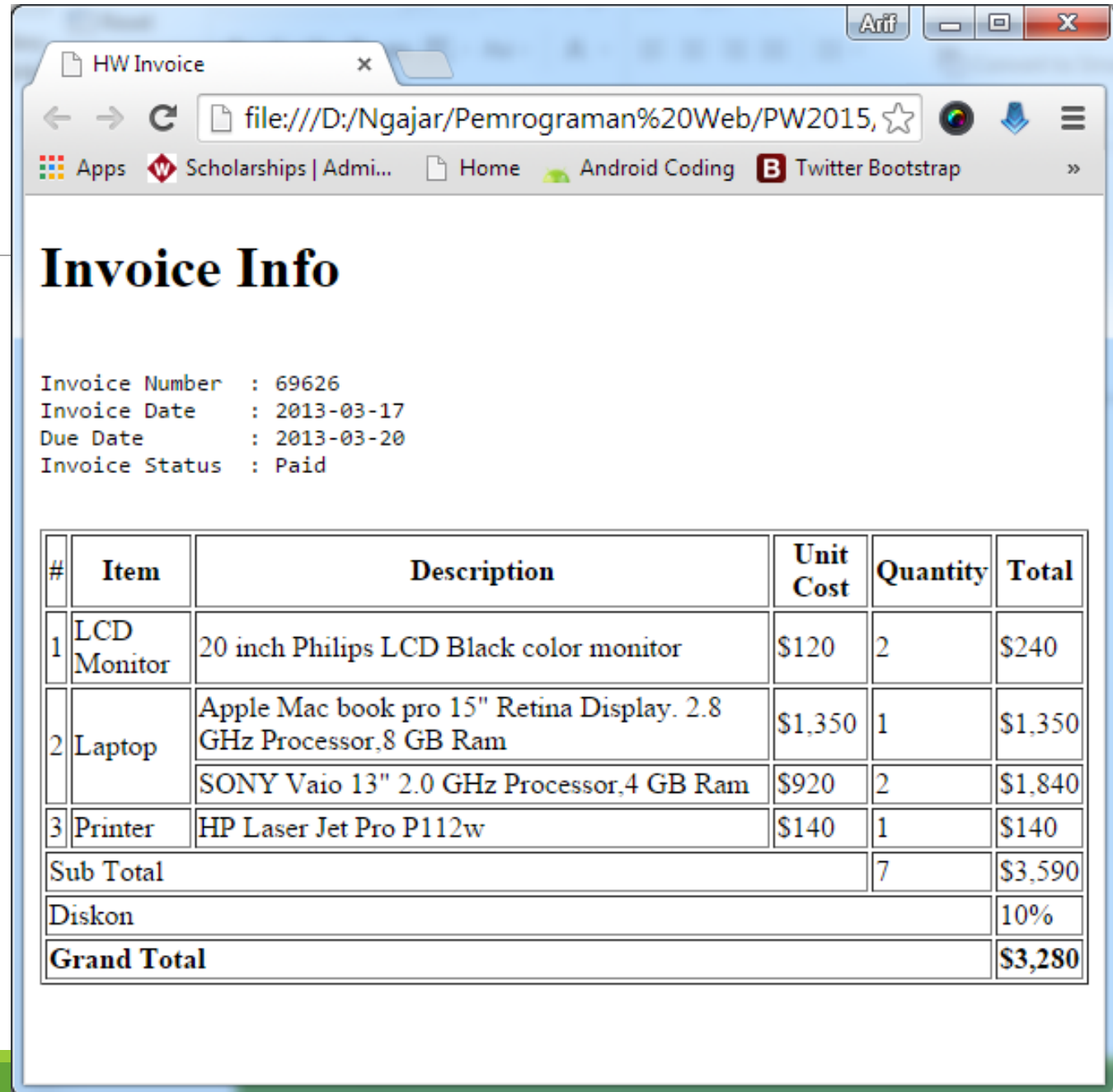
- To make a cell span more than one column, use the **colspan** attribute:
`<th colspan="2">Telephone</th>`
- To make a cell span more than one row, use the **rowspan** attribute:
`<th rowspan="2">Telephone:</th>`

colspan="2"		

rowspan="2"		

Quiz 1

- Create invoice table using attributes colspan and rowspan
- Use Notepad++ or Sublime Text Editor
- Named file as “quiz1.html”
- Upload your file “to http://serverlab”



The screenshot shows a web browser window with the title 'HW Invoice'. The address bar shows the file path: file:///D:/Ngajar/Pemrograman%20Web/PW2015/. The browser's toolbar includes navigation buttons and a search bar. Below the browser window, the content of the HTML file is displayed. It features a title 'Invoice Info' and a list of invoice details: Invoice Number (69626), Invoice Date (2013-03-17), Due Date (2013-03-20), and Invoice Status (Paid). Below this is a table with 6 columns: #, Item, Description, Unit Cost, Quantity, and Total. The table contains 4 data rows for various items (LCD Monitor, Laptop, Printer) and 3 summary rows (Sub Total, Diskon, Grand Total).

#	Item	Description	Unit Cost	Quantity	Total
1	LCD Monitor	20 inch Philips LCD Black color monitor	\$120	2	\$240
2	Laptop	Apple Mac book pro 15" Retina Display. 2.8 GHz Processor,8 GB Ram	\$1,350	1	\$1,350
		SONY Vaio 13" 2.0 GHz Processor,4 GB Ram	\$920	2	\$1,840
3	Printer	HP Laser Jet Pro P112w	\$140	1	\$140
Sub Total				7	\$3,590
Diskon					10%
Grand Total					\$3,280

Forms

- HTML forms are used to collect user input.
- Tag `<form> .. </form>` defines HTML forms.
- HTML forms contain **form elements**. Form elements are different types of input elements, checkboxes, radio buttons, submit buttons, and more.

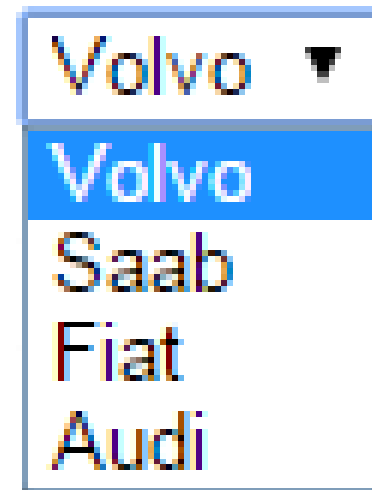
The <input> Element

- The **<input>** element is the most important **form element**.
- The <input> element has many variations, depending on the **type** attribute.

Type	Description
text	Defines normal text input
radio	Defines radio button input (for selecting one of many choices)
submit	Defines a submit button (for submitting the form)
password	Defines password characters input
checkbox	Defines check input (for selecting one or more of many choices)

The <select> Element

- The <select> element defines a **drop-down** list
- The <option> elements defines the options to select.
- The list will normally show the first item as selected.
- You can add a selected attribute to define a predefined option.



The <textarea> Element

The **<textarea>** element defines a multi-line input field (a **text area**):

```
<textarea name="message" rows="10" cols="30">  
The cat was playing in the garden.  
</textarea>
```



The cat was playing in the garden.

The Action Attribute

- The **action attribute** defines the action to be performed when the form is submitted.
- The common way to submit a form to a server, is by using a submit button.
- Normally, the form is submitted to a web page on a web server.

```
<form action="action_page.php">
```

```
</form>
```

The Method Attribute

- The **method attribute** specifies the HTTP method (**GET** or **POST**) to be used when submitting the forms
- You can use GET (the default method), if the form submission is passive (like a search engine query), and without sensitive information.
- You should use POST, if the form is updating data, or includes sensitive information (password). POST offers better security because the submitted data is not visible in the page address.

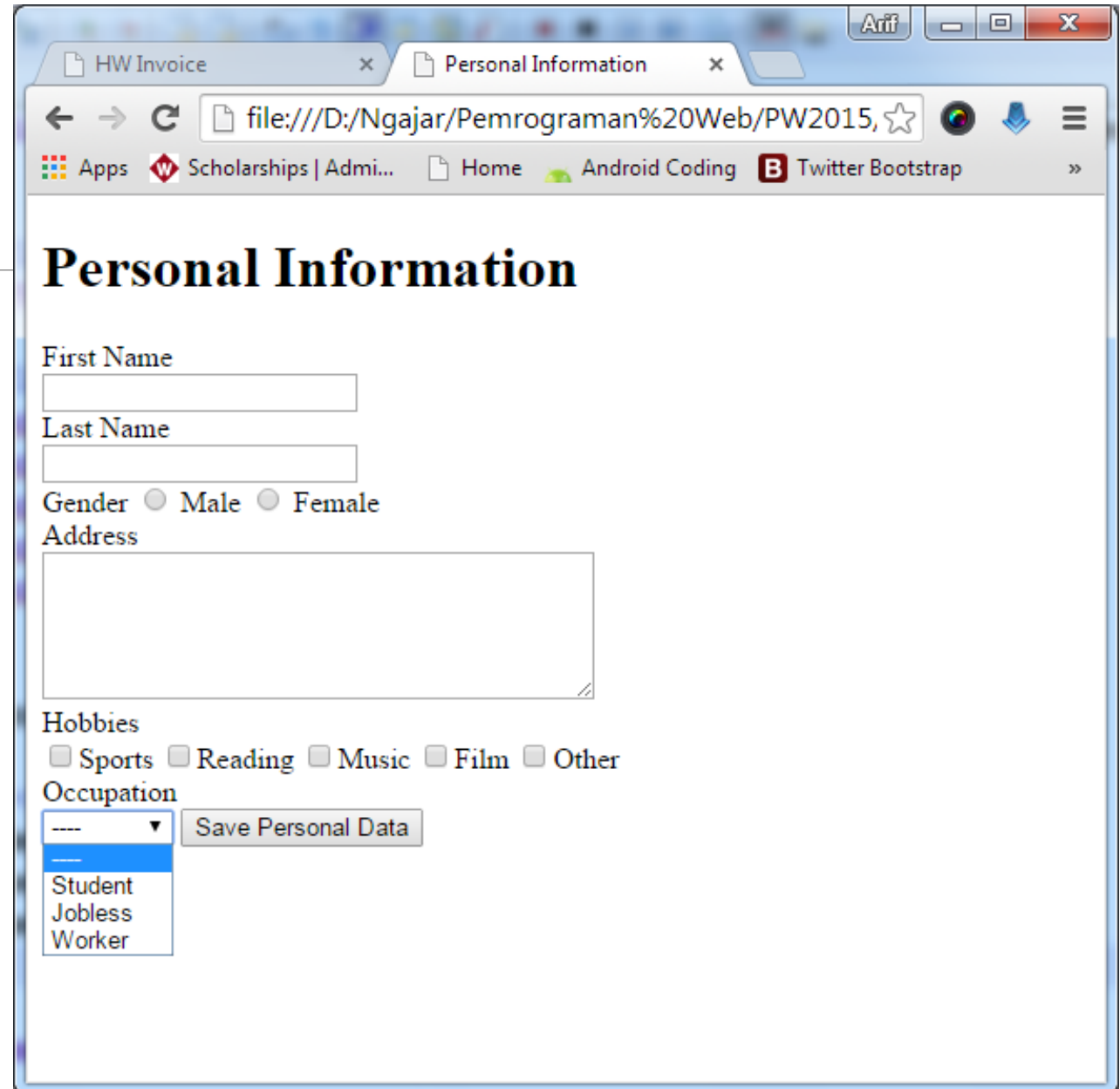
The Name Attribute

To be submitted correctly, each field at form must have a name attribute.

```
<form action="action_page.php">  
First name:<br />  
<input type="text" name="firstname" value="Mickey" />  
Last name:<br />  
<input type="text" name="lastname" value="Mouse" />  
<input type="submit" value="submit" />  
</form>
```

doc5.html

- Create file that it contains many fields of form :
 - First name – input text
 - Last Name – input text
 - Gender – input radio
 - Address – textarea
 - Hobbies – input checkbox
 - Occupation – select
 - Submit button



The screenshot shows a web browser window with two tabs: 'HW Invoice' and 'Personal Information'. The address bar shows the file path: `file:///D:/Ngajar/Pemrograman%20Web/PW2015,`. The browser's toolbar includes icons for Apps, Scholarships, Admi..., Home, Android Coding, and Twitter Bootstrap. The main content area displays a form titled 'Personal Information'.

Personal Information

First Name

Last Name

Gender ☒ Male ☐ Female

Address

Hobbies
☐ Sports ☐ Reading ☐ Music ☐ Film ☐ Other

Occupation

Student
Jobless
Worker

References

- Beginning HTML, XHTML, CSS, and JavaScript - Jon Duckett – Wrox
- <http://www.w3schools.com/html>
- <http://ariflaksito.me>

Thank You
