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

```html
<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>
```
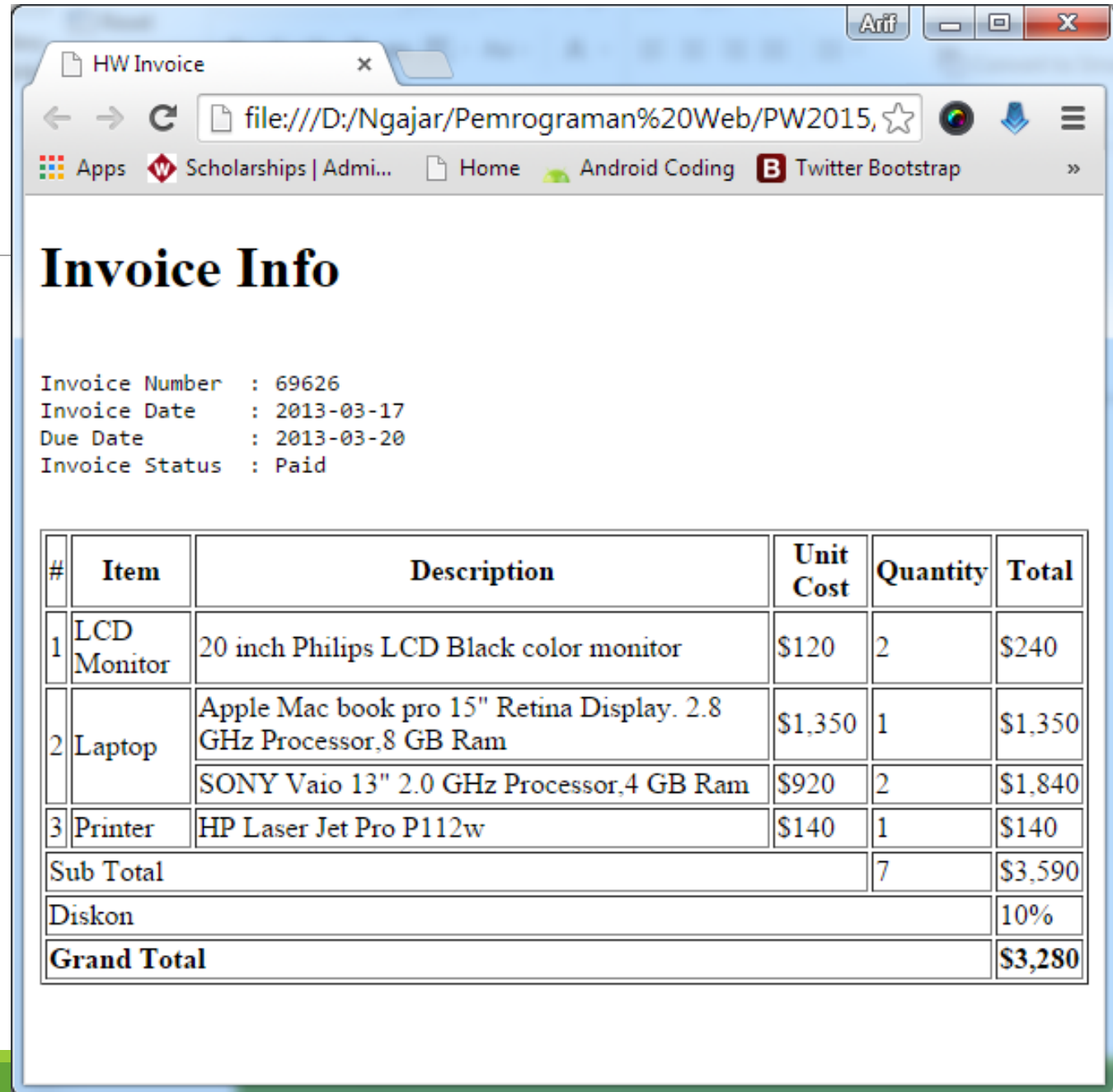
A border can be added using the border attribute:
<table border="1">

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"

Invoice Info

```
Invoice Number  : 69626
Invoice Date    : 2013-03-17
Due Date        : 2013-03-20
Invoice Status  : Paid
```

#	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.
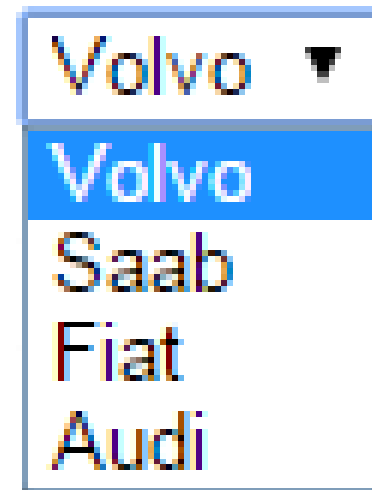
The <input> Element

- 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.

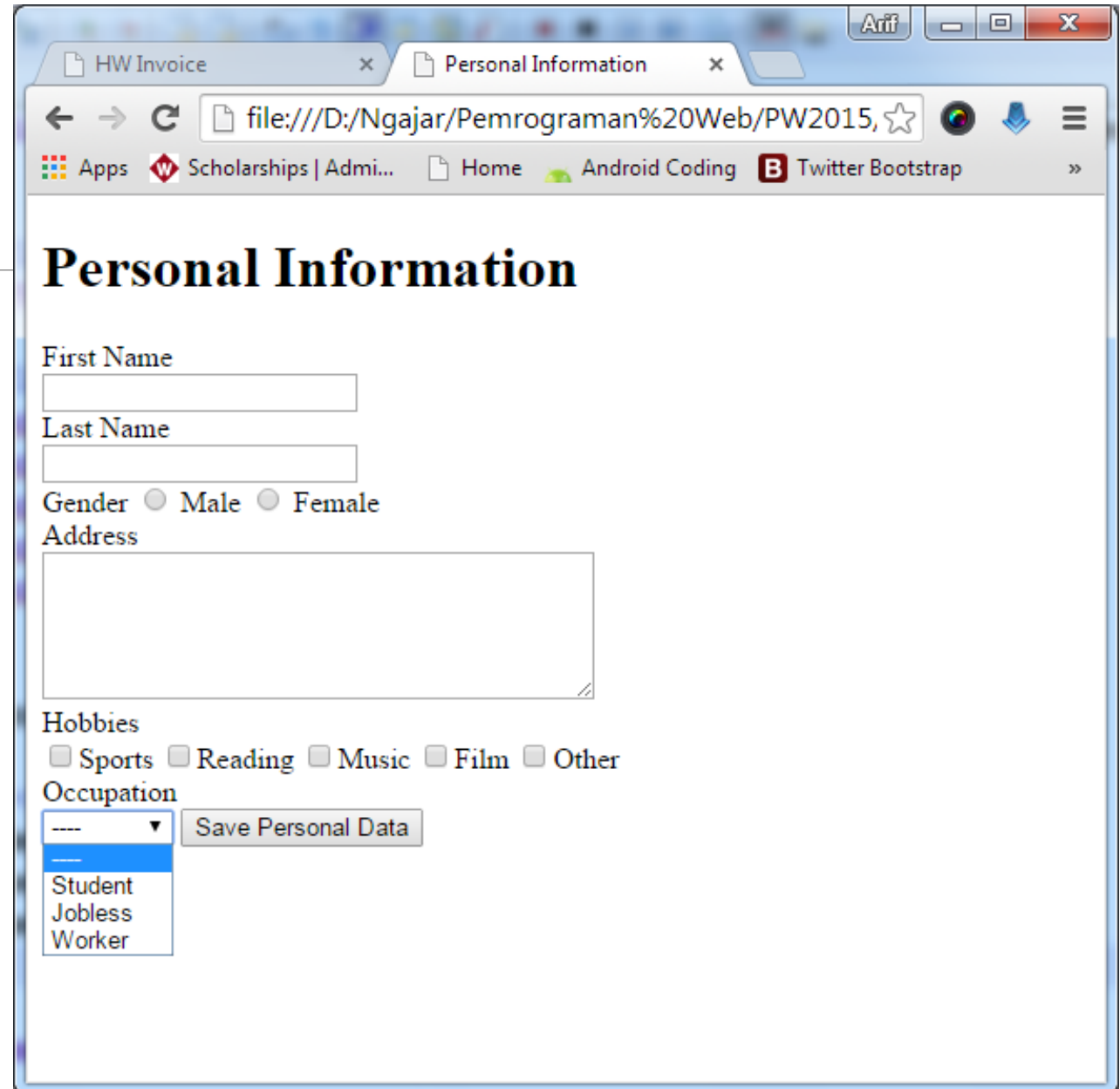# The Name Attribute

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

References

- Beginning HTML, XHTML, CSS, and JavaScript - Jon Duckett – Wrox

- http://www.w3schools.com/html

- http://ariflaksito.me

Thank You