



## Kampabits-COL Handout

### Html Forms

Html forms are used to collect user input. The `<form>` element is used to create an HTML form for user input.

This `<form></form>` element is a container for different types of input elements, such as text fields, checkboxes, radio buttons, submit buttons among others

### The `<input>` Element

An HTML `<input>` element can be displayed in many ways, depending on the value of the `type` attribute.

### Examples

Type	Description
<code>&lt;input type="text"&gt;</code>	Displays a single-line text input field
<code>&lt;input type="radio"&gt;</code>	Displays a radio button (for selecting one of many choices)
<code>&lt;input type="checkbox"&gt;</code>	Displays a checkbox (for selecting zero or more of many choices)
<code>&lt;input type="submit"&gt;</code>	Displays a submit button (for submitting the form)
<code>&lt;input type="button"&gt;</code>	Displays a clickable button

<code>&lt;input type="button"&gt;</code>	Displays a clickable button that lets you choose a file from your computer
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```
<form>
  <label>First name:</label><br>
  <input type="text" id="fname" name="fname" value="John"><br>
  <label>Last name:</label><br>
  <input type="text" id="lname" name="lname" value="Doe"><br><br>
  <input type="submit" value="Submit">
</form>
```

### Note;

The `<label>` tag defines a label for many form elements. It is useful for screen-reader users because the screen-reader will read out loud the label when the user focuses on the input element.

### Html tables

Html tables allow web developers to arrange data into rows and columns.

```
<table border="1">
  <tr>
    <th>Name</th>
    <th>Email</th>
    <th>Contact</th>
  </tr>

  <tr>
    <td>Justine</td>
    <td>justine@gmail.com</td>
    <td>077722222</td>
  </tr>
  <tr>
    <td>lala</td>
    <td>lala@gmail.com</td>
    <td>0777229903</td>
  </tr>
</table>
```

Here, the **border** is an attribute of **<table>** tag and it is used to put a border across all the cells. If you do not need a border, then you can use **border = "0"**.

## Table Heading

Table heading can be defined using **<th>** tag. This tag will be put to replace the **<td>** tag, which is used to represent the actual data cell. Normally you will put your top row as table heading as shown above otherwise you can use **<th>** element in any row. Headings, which are defined in **<th>** tag are centered and bold by default.

## Check your knowledge & Skills

1. Create a login form with the following fields;

- Username
- Password
- Submit button

**Note:** Use the **placeholder** attribute to specify a short hint that describes the expected value of an input field. **Don't use the label tag**

2. Create a pricing table with three (3) columns & five(5) rows. That is to say ***item, quantity, Amount***