



A screenshot of a web form titled "Member Login". The form has a light green header bar with the title and a user icon. Below the header, there are two dark gray input fields: "User Name" and "Password". The "User Name" field has a small user icon to its left. Below the "Password" field, there is a "Remember" checkbox and a "Login Now" button. The "Login Now" button is green with a white padlock icon and the text "Login Now".

Member Login

User Name

Password

☐ Remember

# WEEK 8

## Form and Input

# FORMS

- Forms are a vital tool for the webmaster to receive information from the web surfer, such as: their name, email address, credit card, etc.
- A form will take input from the viewer.

*Retrieved from*

<http://www.tizag.com/htmlT/forms.php>

# Text Field

The `<input>` has a few attributes that you should be aware of.

- *type* - Determines what kind of input field it will be. Possible choices are text, submit, and password.
- *name* - Assigns a name to the given field so that you may reference it later.
- *size* - Sets the horizontal width of the field. The unit of measurement is in blank spaces.
- *maxlength* - Dictates the maximum number of characters that can be entered.

# HTML Text Field

Html code:

```
<form method="post" action="">
```

```
Name: <input type="text" size="10" maxlength="40" name="name">
```

```
<br>
```

```
Password: <input type="password" size="10" maxlength="10"
name="password">
```

```
<input type="submit" value="Send">
```

```
</form>
```

Name:

Password:

Send

# HTML radio buttons

Give the user a multiple choice question.

- *value* - specifies what will be sent if the user chooses this radio button. Only one value will be sent for a given group of radio buttons.
- *name* - defines which set of radio buttons that it is a part of.

# HTML radio buttons

```
<form method="post" action="">
```

What kind of shirt are you wearing?<br />

Shade:

```
<input type="radio" name="shade"
      value="dark">Dark
```

```
<input type="radio" name="shade"
      value="light">Light <br />
```

Size:

```
<input type="radio" name="size" value="small">Small
```

```
<input type="radio" name="size"
      value="medium">Medium
```

```
<input type="radio" name="size" value="large">Large
<br />
```

```
<input type="submit" value="SUBMIT"> </form>
```

What kind of shirt are you wearing?

Shade:    Dark ☐    Light ☐

Size:    Small ☐    Medium ☐    Large ☐

SUBMIT

# HTML checkboxes

- ☐ Check boxes allow for multiple items to be selected for a certain group of choices.
- ☐ The check box's *name* and *value* attributes behave the same as a radio button.

# HTML checkbox

```
<form method="post" action="">
```

Select your favorite cartoon characters.

```
<input type="checkbox" name="toon"
value="Goofy">Goofy
```

```
<input type="checkbox" name="toon"
value="Donald">Donald
```

```
<input type="checkbox" name="toon"
value="Bugs">Bugs Bunny
```

```
<input type="checkbox" name="toon"
value="Scoob">Scooby Doo
```

```
<input type="submit" value="SUBMIT">
```

```
</form>
```

Select the 2 greatest toons.

- ☐ Goofy
- ☐ Donald
- ☐ Bugs Bunny
- ☐ Scooby Doo

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# HTML drop down menus

```
<form method="post"
action="">
College Degree?<br>
<select name="degree">
<option>Choose One</option>
<option>Some High School</option>
<option>High School Degree </option>
<option>Some College</option>
<option>Bachelor's Degree</option>
<option>Doctorate</option>

<input type="submit" value="Email Yourself">
</select> </form>
```

College Degree?

Choose One ▼

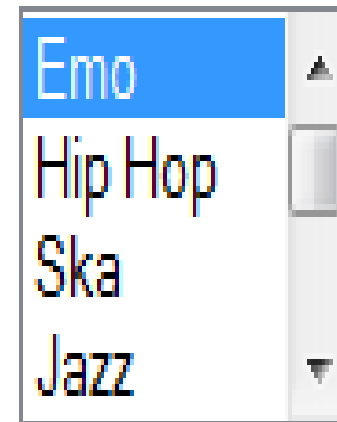
SUBMIT

Drop down menus are created with the `<select>` and `<option>` tags. `<select>` is the list itself and each `<option>` is an available choice for the user.

# HTML selection form

```
<form method="post" action="">  
Musical Taste <br />  
<select multiple name="music" size="4">  
<option value="emo" selected>Emo</option>  
<option value="metal/rock">Metal/Rock</option>  
<option value="hiphop" >Hip Hop</option>  
<option value="ska" >Ska</option>  
<option value="jazz" >Jazz</option>  
<option value="country" >Country</option>  
<option value="classical" >Classical</option>  
<option value="alternative" >Alternative</option>  
<option value="oldies" >Oldies</option>  
<option value="techno" >Techno</option> </select>  
<input type="submit" value="Email Yourself"> </form>
```

Musical Taste



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- The *size* attribute selects how many options will be shown at once before needing to scroll, and the *selected* option tells the browser which choice to select by default.

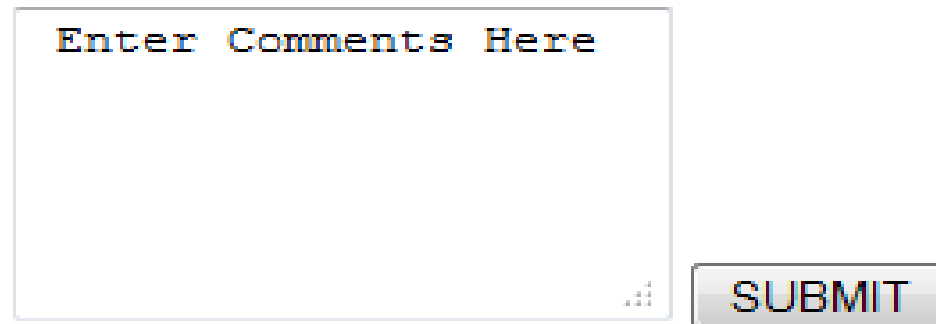
# HTML text areas

- Text areas serve as an input field for viewers to place their own comments onto.
- **Rows** and **columns** need to be specified as attributes to the `<textarea>` tag.

# HTML text areas

```
<form method="post" action="">  
<textarea rows="5" cols="20" name="comments">  
  Enter Comments Here  
</textarea>  
<input type="submit" value="Email  
Yourself"> </form>
```

---



Enter Comments Here

SUBMIT

# References

- [www.w3schools.com](http://www.w3schools.com)
- <http://www.tizag.com/htmlT/forms.php>