

SchoolNova



IT101

Crash Course in HTML: Forms

Forms and Form Elements

- HTML forms are used to pass data to a server.
- An HTML form can contain input elements like text fields, checkboxes, radio-buttons, submit buttons and more. A form can also contain select lists, textarea, fieldset, legend, and label elements.

- The `<form>` tag is used to create an HTML form:

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

```
<!-- input elements -->
```

```
</form>
```

- A form can be submitted using GET (all data is appended to the URL) or POST (all data is sent in request body) method.
- Typical uses of a form: contact us page, checkout page, quiz.

- **Form Elements**

- ◆ Text: `<input type="text" name="test" />`

- ◆ Password: `<input type="password" name="pass" />`

- ◆ Radio buttons:

```
<input type="radio" name='test' value='answer1' />
```

```
<input type="radio" name='test' value='answer2' />
```

- ◆ Checkbox: `<input type='checkbox' name='answer1' />`

- ◆ Buttons:

```
<input type='submit' value='send form' />
```

```
<input type='reset' value='clear form' />
```

```
<input type='button' value='my_button' />
```

More Form Elements

- **Textarea**

```
<textarea rows="6" cols="20" name="test">
</textarea>
```

- **Drop-down box**

```
<select name='favoriteColor'>
  <option value='white'>White</option>
  <option value='black'>Black</option>
</select>
```

- **Hidden field**

```
<input type='hidden' name='userid' value='123' />
```

- **Data List**

```
<input list="colors" name="favoriteColor" />
<datalist id="colors">
  <option value="black" />
  <option value="white" />
</datalist>
```

- **Range**

```
<input type="range" name="points" min="1" max="10" />
```

Homework

- Create a Quiz page with questions and answers in text input fields, radio buttons, checkboxes, drop-downs etc.
- Set the form action attribute to the following:
 - ◆ `action="http://www.schoolnova.org/student_area/emailer.php"`
- Add a hidden field named "email" to your form. The value should be the email address you have access to (yours or parent's);
 - ◆ `<input type="hidden" name="email" value="student1@gmail.com" />`
- Add a submit button.
- Optional: Upload the form to your account on the School Nova server, using FileZilla;
- Open the form in a browser, fill out the quiz answers and submit. Then check the email and see if you've received the quiz answers.