SY306 Web and Databases for Cyber Operations
Set 3: HTML5 Forms

(from Chapter 2 and 3.1-3.3)

2.11 Forms

Feedback Form

Please fill out this form to help us improve our site.

Name:  [Input field for name]

Submit  Clear
<form method = "post" action = "cgi-bin/sendmail.pl">
  
  <!-- hidden inputs contain non-visual -->
  <!-- information -->
  <input type = "hidden" name = "recipient" value = "deitel@deitel.com" />
  <input type = "hidden" name = "subject" value = "Feedback Form" />
  <input type = "hidden" name = "redirect" value = "main.html" />

  </p>

  <!-- <input type = "text"> inserts a text box -->
  <p><label>Name:
    <input name = "uname" type = "text"
      size = "25" maxlength = "30"
      placeholder = "ex. John Doe"
      required = "required" autocomplete = "off"/>
  </label></p>

  <!-- input types "submit" and "reset" insert -->
  <!-- buttons for submitting and clearing the -->
  <!-- form's contents -->
  <input type = "submit" value = "Submit" />
  <input type = "reset" value = "Clear" />

  </p>

</form>

More Complex HTML5 Forms

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Key issue: How is data sent to the server?

- **method = “get”**
  
  Append form data directly to the end of the URL
  
  http://... submit.cgi?name=smith&vote=3  
  http://www.google.com/search?q=monkeys

- **method = “post”**
  
  Append form data to the browser request

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Key issue: What provides security?

- Using `<input type="password">`

- Using `<input type="hidden">`

- Using **https://**

- Using **http://**
Exercise #1: Write HTML5 to generate this form:

```
Confirm Order
Address:
Email for confirmations:
Fax number (optional, to receive information faster):
Submit Order
```

Exercise #2: Write HTML5 to generate this form:

```
Search catalog
Keyword:
Category: Books | eBooks | Audiobooks | Toys
Search
```