

# Web Programming Chapter 5

## Exercise 1 (1/2)

- ♦ Build a user registration form as below:

**User Registration - Browser**

Name:

Username:

Email:

Browser:

### User Registration - Browser

The following data has been saved for Spiderman:  
Username: sm  
Email: spiderman@gmail.com  
Browser: Firefox

## Exercise 1 (2/2)

- ♦ Steps:
  - write an array `$browsers` that includes browser types: Firefox, Chrome, Internet Explorer, Safari, Opera, Other.
  - write the class `Select`:
    - ♦ 2 properties
      - `$name` for the name of the select field
      - `$value`, an array to provide the option values
    - ♦ 6 methods
      - `setName`, `getName`, `setValue`, `getValue` (Checking to be sure the value is an array belongs in the `setValue` method)
      - `makeOptions`; creates the actual select options
      - `makeSelect`; puts it all together to create the select field
  - Use `Select` class to create the above form

## Exercise 2

**User Registration**

Name:

Username:

Email:

**Work Access**

Primary Browser:

Connection Speed:

Operating System:

**Home Access**

Primary Browser:

Connection Speed:

Operating System:

### User Registration

The following data has been saved for Spiderman:

Username: sm  
Email: spiderman@gmail.com

#### Work Access:

- Firefox
- DSL
- Macintosh

#### Home Access:

- Chrome
- T1
- Macintosh

## Exercise 2

- ♦ Steps:
  - Start with the script you wrote for Exercise 1
  - Add the value of None as the first value in the `$browsers` array
  - Write two more arrays:
    - ♦ `$speeds`, including values Unknown, DSL, T1, Cable, Dialup, Other;
    - ♦ and `$os`, including Windows, Linux, Macintosh, Other
  - Use multiple object of `Select` class to create the above form
    - ♦ destroy each one after it has done its work. This will free up the memory the object occupied.

## Exercise 3

**User Registration**

\* Indicates required field.

\*Name:

\*Username:

\*Email:

**Work Access**

Primary Browser:

Connection Speed:

Operating System:

**Home Access**

Primary Browser:

Connection Speed:

Operating System:

### User Registration

The following data has been saved for Spiderman:

Username: sm  
Email: spiderman@gmail.com

#### Work Access:

- No response
- No response
- No response

#### Home Access:

- No response
- No response
- No response

## Exercise 3

**User Registration**

\* Indicates required field

\*Name:  
Spiderman

\*Username:

\*Email:  
spiderman@gmail.com

**Work Access**

Primary Browser: --Select one--  
Connection Speed: --Select one--  
Operating System: --Select one--

**Home Access**

Primary Browser: --Select one--  
Connection Speed: --Select one--  
Operating System: --Select one--

### User Registration

Error: Please choose a username.

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## Exercise 3

- ◆ Steps:
  - Start with the script you wrote for Exercise 1
  - Create message --Select one-- at the top of each select field
    - ◆ Add a line to the makeSelect() (value: No response)
    - ◆ Delete "None" value at the top of the \$browsers array
  - add message \* Indicates required field. Then add an asterisk to the Name, Username, and Email fields.
    - ◆ add code to validate the data in those three fields

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## Exercise 3

- ◆ Hint: Code to validate email:

```
...
<html>
...
<body>
...
$char = strpos($email, '@');
if (empty($email) || $char === false ){
    die('Error: Please enter a valid email address. <br />
    <input type="submit" name="back" value="Back to form"
    onclick="self.location = \yourfile.php\' /> </body></html> ');
}
```

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