

php String Handling

Part 2

MIS 4530
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Handling Form Submissions

- A **query string** is a set of name=value pairs appended to a target URL
- Form data is submitted in name=value pairs, based on the `name` and `value` attributes of each element
- A question mark (?) and a query string are automatically appended to the URL of a server-side script for any forms that are submitted with the `GET` method

Handling Form Submissions (continued)

- Each name=value pair within the query string is separated with ampersands (&)

```
<form method="get" action="ProcessOrder.php">  
<input type="text" name="favorite_books" value="technical" />  
<input type="text" name="favorite_author" value="Gosselin" />  
</form>
```

```
ProcessOrder.php?favorite_books=technical&favorite_author=Gosselin
```

Validating Submitted Data

- Use the `isset()` or `empty()` functions to ensure that a variable contains a value
- Use the `is_numeric()` function to test whether a variable contains a numeric string

Determining if Form Variables Contain Values

- The `isset()` function determines whether a variable has been declared and initialized (or “set”)
- The `empty()` function determines whether a variable is empty
- Pass to both functions the name of the variable you want to check

Testing if Form Variables Contain Numeric Values

```
if (isset($_GET['height']) && isset($_GET['weight'])) {  
    if (is_numeric($_GET['weight']) &&  
is_numeric($_GET['height'])) {  
        $BodyMass = $_GET['weight'] / ($_GET['height']  
            * $_GET['height']) * 703;  
        printf("<p>Your body mass index is %d.</p>",  
            $BodyMass);  
    }  
    else  
        echo "<p>You must enter numeric values!</p>";  
}
```