

Forms



Overview, Query string,
Submitting arrays, PHP & HTML,
Input types, Redirecting the user

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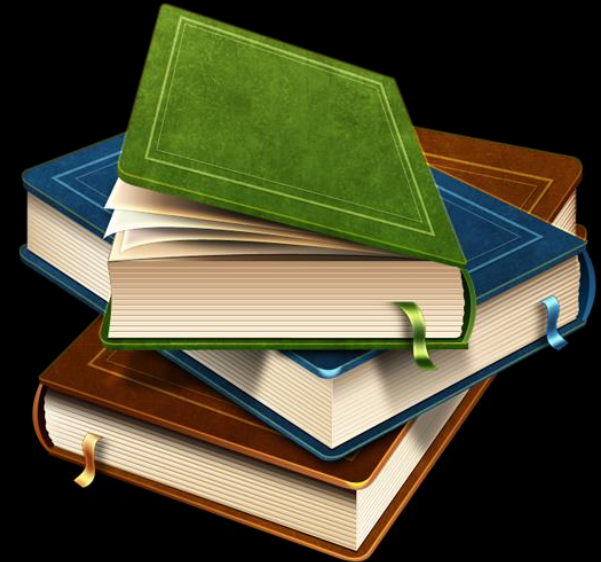
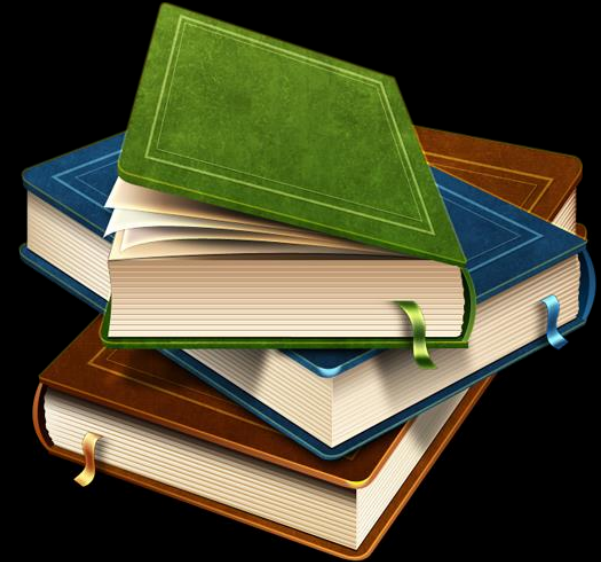



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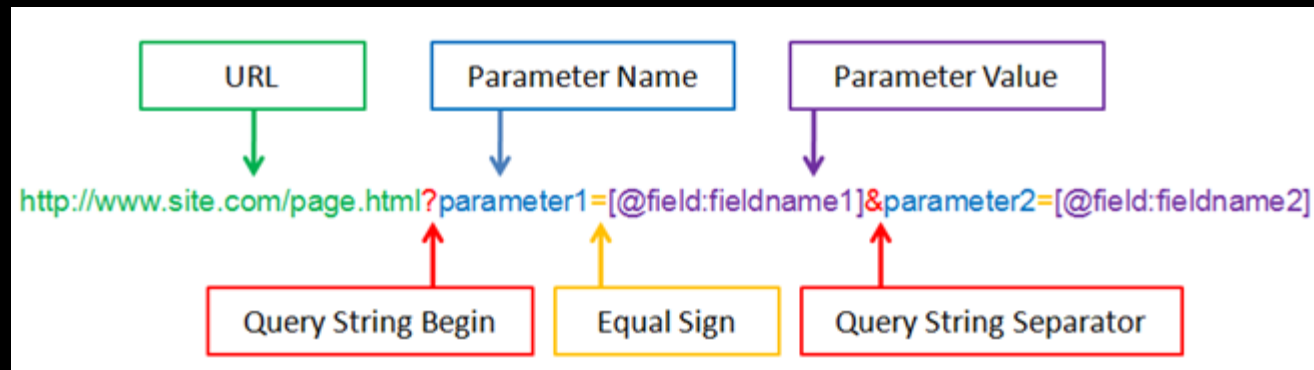
Quick overview

Name *		Time *		
<input type="text"/>	<input type="text"/>	<input type="text"/>	:	<input type="text"/>
First	Last	HH		MM
		AM <input type="button" value="v"/>		
		AM/PM		
Email *		Date *		
Please use your office email address.				
<input type="text"/>		<input type="text"/>	/	<input type="text"/>
		MM		DD
				<input type="text"/>
				YYYY
				
Address *				
<input type="text"/>				
Street Address				
<input type="text"/>				
Street Address Line 2				
<input type="text"/>		<input type="text"/>		
City		Region		

Quick overview

- Forms are used to work with user input
- Request method can be **POST** or **GET**
- Input is stored in **\$_POST** or **\$_GET** arrays

Query String



What is Query string?

- A query string is a part of a URL. Specifically, the part of a URL following a question mark (?)
- Commonly used in searches and dynamic pages
- Stored in `$_SERVER['QUERY_STRING']`

```
http://www.site.com/index.php?parameter=softuni
```

Creating a Query string

- Most common way to do it is by using a **FORM** with **GET** method
- You can also use scripts to add to the query string or simply write your links with the query strings in the **href** attribute

Query string

Live Demo



Submitting arrays



Submitting arrays

- In order for an input to be treated as an array – you must put brackets “[]” in the **name** attribute:

```
<form method="post">  
  <select name="people[]" multiple="multiple">  
    <option value="Mario">Mario</option>  
    <option value="Svetlin">Svetlin</option>  
    <option value="Teodor">Teodor</option>  
  </select>  
  <input type="submit" value="submit"/>  
</form>
```

Submitting arrays (2)

- After the form is sent you can access your elements like you are accessing an array

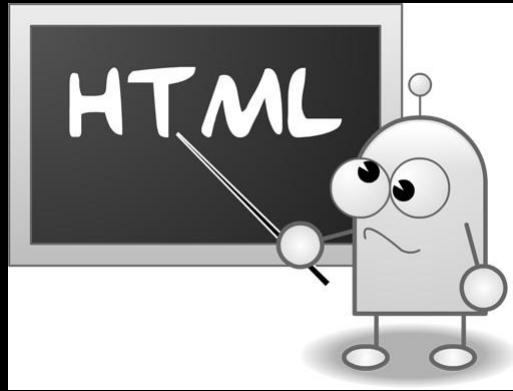
```
<?php
    foreach( $_POST['people'] as $person ) {
        echo $person . '</br>';
    }
?>
```


Submitting Arrays

Live Demo



Combining HTML and PHP



Combining HTML and PHP

- You can open **PHP** tags anywhere in **HTML** code

```
<?php
//guessing script implementation
...
$message = ...;
?>

<html>
  ...
  <body>
    <?php echo $message ?>
    <form method="POST">
      <input type="text" name="guess">
      <input type="submit" name="submit">
    </form>
  </body>
</html>
```

Combining HTML and PHP

- You can also echo the **HTML**

```
<?php
    echo '
        <form action="index.php" method="post">
        Name: <input type="text" name="name"><br />
        <input type="submit" name="submit">
        </form>';
?>
```

Checkboxes



Checkboxes

- Checkboxes are created by setting an input with type “checkbox”

```
<input type="checkbox" name="rakia-checkbox" />
```

- A checkbox is only submitted if it's actually checked

Checkboxes

Live Demo



Hidden fields



Hidden fields

- Created by setting the type of input to hidden
- Not visible to the user

```
<form action="input.php" method="post">  
  <input type="text" name="user">  
  <input type="submit" value="click" name="in">  
  <input type="hidden" name="hiddenName"  
    value="<?php echo $user ?>"/>  
</form>
```


Hidden fields

Live Demo



Other input types



Other input types

- password – doesn't visualise the text written in the input



A screenshot of a password input field. The label 'Password' is above the input box. The input box contains ten black dots, representing masked characters.

- email – some mobile browsers change the on-screen keyboard (added @). Has some in-build email validations



A screenshot of an email input field. The label 'Email *' is above the input box. The input box contains the text 'asdf'. Below the input box is a validation error message: 'Please enter an email address.' with an exclamation mark icon.

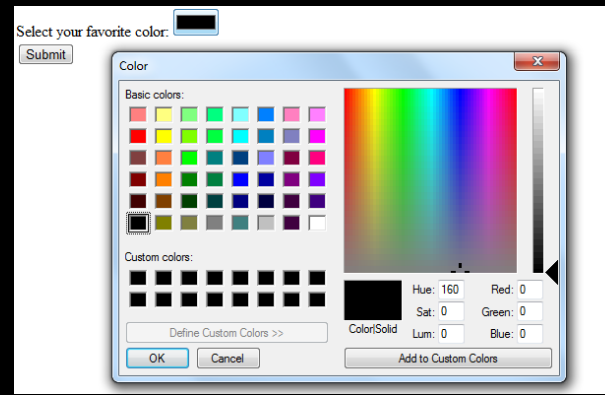
- radio - radio buttons are used to select ONLY one of a limited choices. In order for radio buttons to work properly – they must have the same “name” attribute

Other input types (2)

- date – used to pick a date (Doesn't work on **Firefox** and **IE.**)
- datetime – used to pick date and time (Works only **Safari** and **Opera**)
- time – used to pick time (Doesn't work on **Firefox** and **IE.**)

Other input types (3)

- number – used to pick a number
- range – creates a slider that allows you to pick a value from a previously set range
- color – creates a palette that allows you to pick a color



Other input types

Live Demo



Specific input attributes

INPUT

Specific input attributes

- autocomplete – browser stores previously typed values and shows them the next time
- autofocus – the field becomes focused on page load
- required – the field becomes required and the form can not be send without filling/selecting it first

Tab index



Tab Index

- The tabindex attribute controls the order in which form fields and links are focused when repeatedly pressing the TAB key
- `tabindex="0"` (zero) – means "natural" order
- Elements with smaller tabindex are iterated before elements with bigger tabindex

Tab index

Live Demo



Redirecting the user



Redirecting the user

- Done by using the HTTP Location header

```
header('Location: http://softuni.bg');
```

- You can also use a variable to keep the URL

```
$url = 'http://softuni.bg';  
header('Location: ' . $url);
```

Redirecting the user

Live Demo



Summary

- You must put [] in input's name attribute in order to submit an array of information
- You can easily combine **PHP** and **HTML**
- **Checkboxes** are sent only if checked
- **Hidden fields** are not visible to the user
- The **HTTP Location Header** redirects the user



PHP & MySQL

Questions?



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