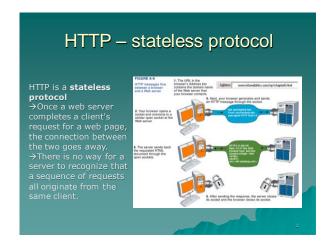
Vietnam and Japan Joint ICT HRD Program

ICT 5 Web Development
Chapter 10. Maintaining state

through multiple forms

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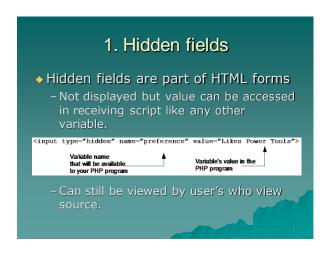
What Are Multiple-Form Web Sessions?

- A multiple-form Web session leads the user through a series of HTML forms that work together and pass data from form to form.
- E.g.
 - To build a shopping cart or on-line survey.
 - To save user authentication information from page to page
 - To store persistent user preferences on a site

Example Multiple Screen Session If metaba example for make again or metaba remember sil information (indicated & ack again) (

How to maintain the state through multiform?

- Use tricks to keep track of state information between requests (session tracking)
 - Using hidden form fields
 - URL rewriting: every local URL on which the user might click is dynamically modified to include extra information
 - ◆ http://www.example.com/catalog.php?userid=123
 - Using cookies: a bit of information that the server give to a client → depends on the client
 - Using session









```
PRECEIVING PHP Script

9. print "<br/>
    value=\"$product\"> ";

10. print "<input type=\"hidden\" name=\"quantity\"
    value=\"$quantity\">";

11. print "<input type=\"hidden\"
    name=\"sample_hidden\"
    name\"sample_hidden\"value=\"$sample_hidden\">";

12. print 'Flease enter your name:';

13. print 'Kinput type="text" size="15" maxlength="20"
    name="name">';

14. print 'And billing code; (5 digits)';

15. print 'Kinput type="text" size="5" maxlength="5"
    name="code">';

16. print 'Kinput type="text" size="5" maxlength="5"
    name="code">';

17. print 'Kinput type=reset>';

18. ?></form></body></html>
```

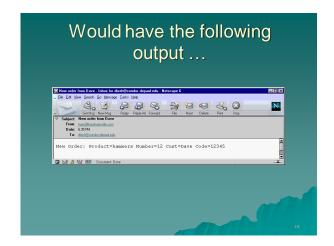
Sending email from PHP scripts • Sometimes it is useful to send email from a PHP script: - PHP uses mail() that by default sends e-mail via the Simple Mail Transfer Protocol (SMTP). mail(to_address, subject, message, extra_headers); Specify the destination email address. Specify the subject Ine of the e-mail. Specify additional email headers.

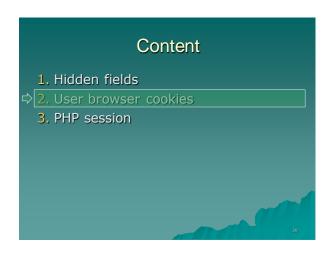


Consider the following full example ... Implements save and notify Called from order2.php and saved at order3.php Can access variables \$product, \$quantity, and \$sample_hidden sent as hidden fields from the Billing Info form.





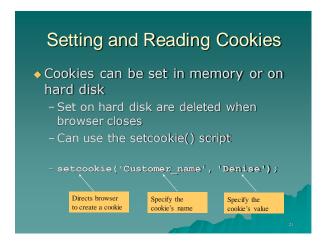


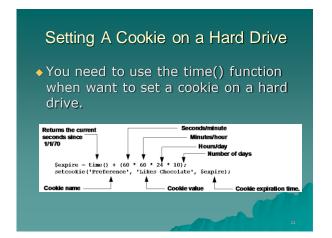






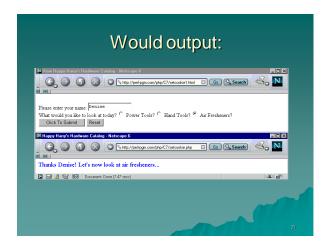


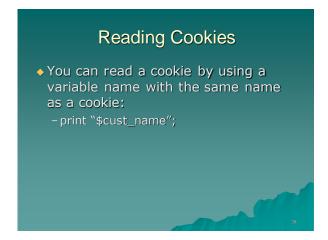




A full example of setting a cookie.... Suppose a front-end web page asks for some survey information: <input type="text" size="15" maxlength="20" name="custname"> <input type="radio" name="prefers" value="power tools" checked > Fower Tools? <input type="radio" name="prefers" value="lair fresheners"> <input type="radio" name="prefers" value="air fresheners"> Air Fresheners?

The following script runs when submitted — setcookie.php 1.<?php \$prefers = \$ POST['prefers"]; \$custname*] * (2. \$expire=\$ POST['expire"]; \$custname* * (3. \$expire=\$ time() + (60 * 60 * 24 * 30); 3. \$estcookie("name", \$custname, \$expire); 4. \$estcookie("preference", \$prefers, \$expire); 5.2? 6.https://documents.org/lines/<a href="

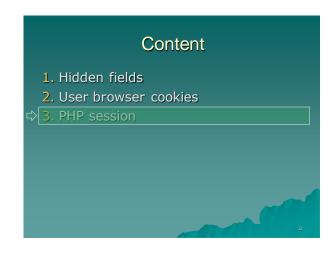




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Reading Cookies with REGISTER_GLOBALS Of

• To read a cookie value use the $_COOKIE[] associative array to get the cookie function

• $cust_name= $_COOKIE["cust_name"];
```



PHP Sessions • PHP supports two functions that enable you to retain data between forms - session_start() - either starts a new session or resumes one if a session exists • Run at the start of every script • By default creates a unique session ID stored as a cookie - session_register() - registers one or more variables as session variables §name = 'Matthew'; §preference = 'Soccer Equipment'; session_register('name', 'preference');

```
1.<?php session_start(); ?>
2. <a href="https://doi.org/10.25">c. <a href="https://doi.org/10.25">https://doi.org/10.25">c. <a href="https://doi.org/10.25">c. <a href="https://doi.org/10.25">c. <a href="https://doi.org/10.25">c. <a href="https://doi.org/10
```

```
Example output

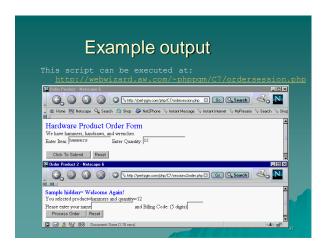
This script can be executed at:

http://webwizard.aw.com/~phppgm/C7/ordersession.php

| Control | Co
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Use the following script to
read the session data - sessions2order.php

1.<?php session_start() ?>
2.<html><head><tittle> Order Product 2 </title> </head>
3.<bddy>
4.<fform action="sessions3order.php" method="post">
5.<?php $sample_hidden = $_SESSION['sample_hidden'];
6. print "<hl>> Sample hidden= $sample_hidden'];
7. print "<br/>
'dr>> print "<br/>
'session_register('product', $product);
session_register('quantity', $quantity');
9. print 'dr>>Please enter your name';
10. print '<input text type="text" size="15" maxlength="20" name="name">;
11. print 'and Billing Code: (5 digits)';
12. print '<input text type="text" size="5" maxlength="5" name="code">;
13. print '<br/>
'input type=reset';
14. print '<input type=reset';
15. print '</form></body></html>';
16. print '</form></body></html>';
```





Session Extras - \$_SESSION • Use \$_SESSION Associative array when REGISTER_GLOBALS are off in php.ini - Do not need to use session_register() session_start(); \$_SESSION['sample_hidden'] = 'Welcome!';

