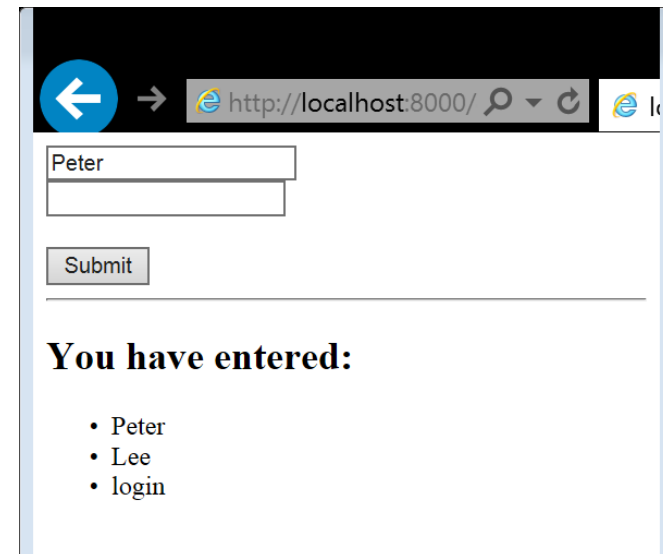# Handling Form Data in PHP

Text boxes (get_textbox_data.php)

```php
<!DOCTYPE html>
<?php
if (isset($_POST['username'])) {
    $username = $_POST['username'];
    $password = $_POST['password'];
    $action = $_POST['action'];
}
?>
<html>
    <head>
        <meta charset="UTF-8">
        <title></title>
    </head>
    <body>
        <form action="get_textbox_data.php" method="post">
            <input type="text" name="username" value="Peter"><br>
            <input type="password" name="password"><br>
            <input type="hidden" name="action" value="login"><br>
            <input type="submit" value="Submit" /><br>
        </form>
        <hr>
        <?php if (isset($_POST['username'])) { ?>
        <h2>You have entered:</h2>
        <ul>
            <li><?php echo $username; ?></li>
            <li><?php echo $password; ?></li>
            <li><?php echo $action; ?></li>
        </ul>
        <?php } ?>
    </body>
</html>
```
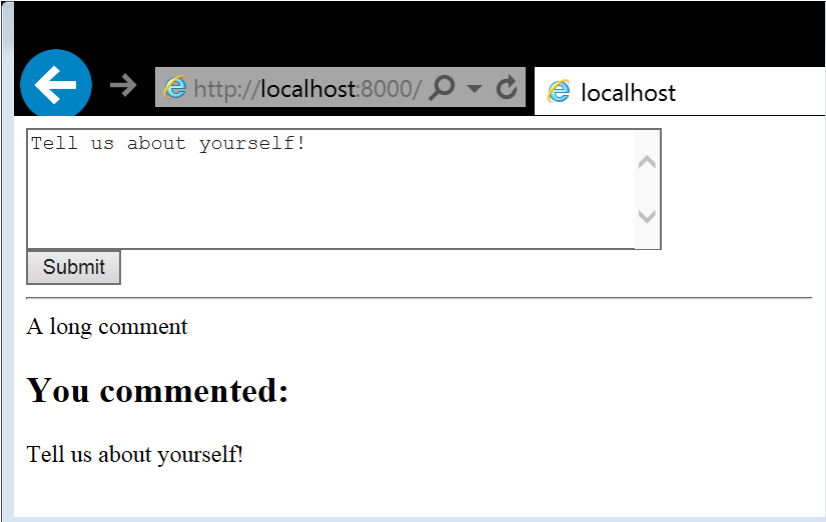
Text area (get_textarea_data.php)

```html
<!DOCTYPE html>
<html>
  <head>
    <meta charset="UTF-8">
    <title></title>
  </head>
  <body>
    <form action="get_textarea_data.php" method="post">
      <textarea name="comment" rows="5" cols="50">Tell us about yourself!</textarea><br>
      <input type="submit" value="Submit" /><br>
    </form>
    <hr>
    <?php if (isset($_POST['comment'])) { ?>
      <?php
        $comment = $_POST['comment'];
        // The htmlspecialchars converts special chars to html character entities
        $comment = htmlspecialchars($comment);
        // The nl2br is used to convert a new line char to a html <br>
        $comment = nl2br($comment, false);
        // Using print function in an expression
        (strlen($comment) > 10)?  print 'A long comment' : print 'A short comment';
      ?>
      <h2>You commented:</h2>
      <p><?php echo $comment; ?></p>
    <?php } ?>
  </body>
</html>
```
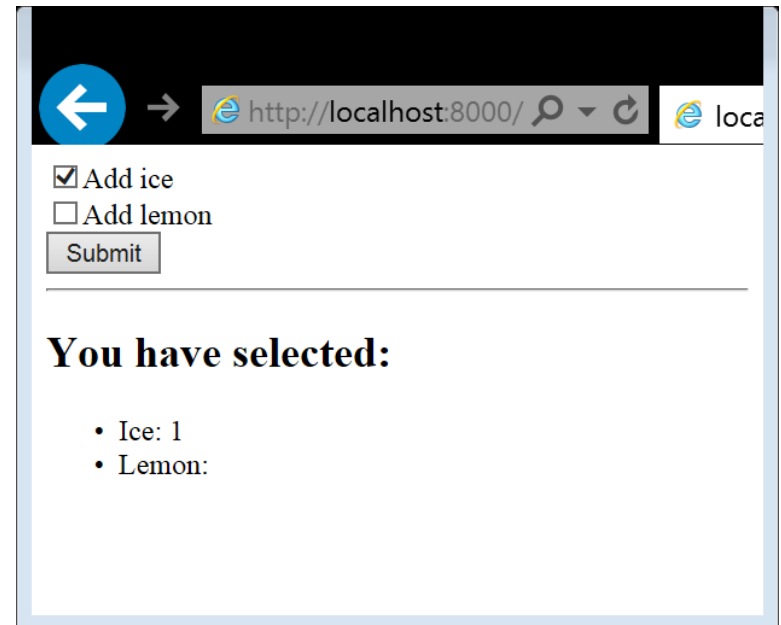
Checkboxes (get_checkbox_data.php)

```php
<!DOCTYPE html>
<?php
$ice = isset($_POST['ice']);
$lemon = isset($_POST['lemon']);
?>
<html>
  <head>
    <meta charset="UTF-8">
    <title></title>
  </head>
  <body>
    <form action="get_checkbox_data.php" method="post">
      <input type="checkbox" name="ice" checked="checked">Add ice<br>
      <input type="checkbox" name="lemon" value="International">Add lemon<br>
      <input type="submit" value="Submit" /><br>
    </form>
    <hr>
    <h2>You have selected:</h2>
    <ul>
      <li><?php echo 'Ice: '.$ice; ?></li>
      <li><?php echo 'Lemon: '.$lemon; ?></li>
    </ul>
  </body>
</html>
```
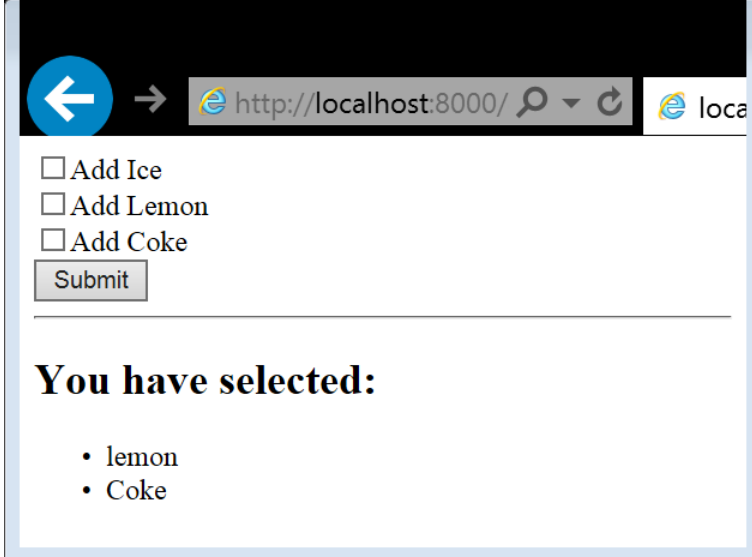
Checkbox Array (get_checkbox_array_data.php)

```html
<!DOCTYPE html>
<html>
  <head>
    <meta charset="UTF-8">
    <title></title>
  </head>
  <body>
    <form action="get_checkbox_array_data.php" method="post">
      <input type="checkbox" name="flavor[]" value="ice">Add Ice<br>
      <input type="checkbox" name="flavor[]" value="lemon">Add Lemon<br>
      <input type="checkbox" name="flavor[]" value="Coke">Add Coke<br>
      <input type="submit" value="Submit" /><br>
    </form>
    <hr>
    <?php if (isset($_POST['flavor'])) { ?>
      <?php $flavors = $_POST['flavor']; ?>
      <h2>You have selected:</h2>
      <ul>
        <?php foreach ($flavors as $flavor) : ?>
          <li><?php echo $flavor; ?></li>
        <?php endforeach; ?>
      </ul>
    <?php } ?>
  </body>
</html>
```
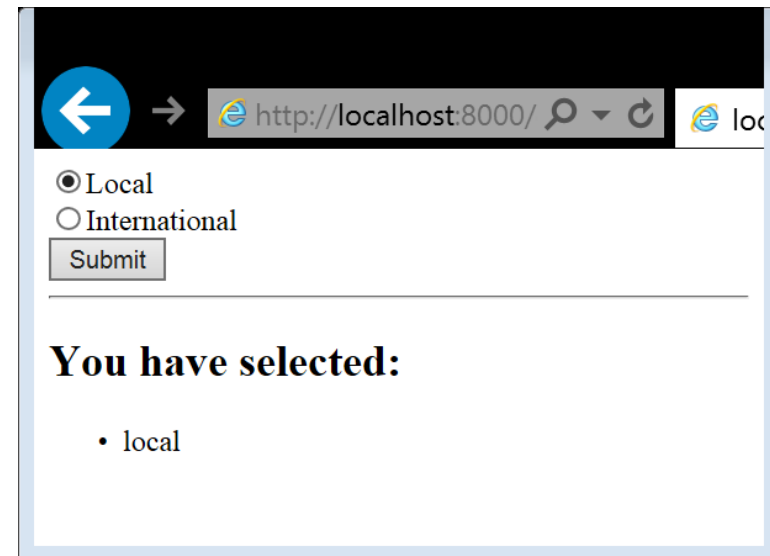
Radio Buttons (get_radio_buttons_data.php)

```php
<!DOCTYPE html>
<?php
if (isset($_POST['applicant_type'])) {
    $applicant_type = $_POST['applicant_type'];
}
else {
    $applicant_type = 'local';
}
?>
<html>
  <head>
    <meta charset="UTF-8">
    <title></title>
  </head>
  <body>
    <form action="get_radio_buttons_data.php" method="post">
        <input type="radio" name="applicant_type" value="local"
checked="checked">Local<br>
        <input type="radio" name="applicant_type"
value="International">International<br>
        <input type="submit" value="Submit" /><br>
    </form>
    <hr>a
    <?php if (isset($_POST['applicant_type'])) { ?>
    <h2>You have selected:</h2>
    <ul>
        <li><?php echo $applicant_type; ?></li>
    </ul>
    <?php } ?>
  </body>
</html>
```
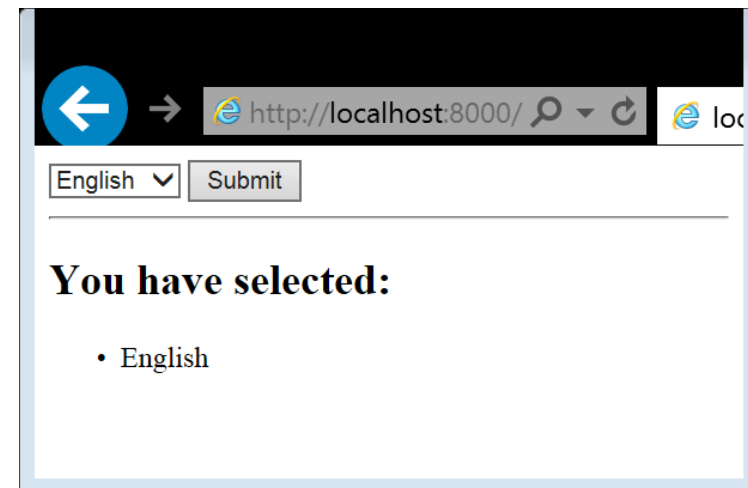
Drop down List (get_dropdown_list_data.php)

```html
<!DOCTYPE html>
<html>
  <head>
    <meta charset="UTF-8">
    <title></title>
  </head>
  <body>
    <form action="get_dropdown_list_data.php" method="post">
      <select name="lang">
        <option value="English">English</option>
        <option value="Fench">French</option>
        <option value="Spanish">Spanish</option>
      </select>
      <input type="submit" value="Submit" /><br>
    </form>
    <hr>
    <?php if (isset($_POST['lang'])) { ?>
      <?php $lang = $_POST['lang']; ?>
      <h2>You have selected:</h2>
      <ul>
        <li><?php echo $lang; ?></li>
      </ul>
    <?php } ?>
  </body>
</html>
```

ListBox (get_listbox_data.php)

```php
<!DOCTYPE html>
<html>
  <head>
    <meta charset="UTF-8">
    <title></title>
  </head>
  <body>
    <form action="get_listbox_data.php" method="post">
      <select name="langs[]" size="3" multiple>
        <option value="English">English</option>
        <option value="Fench">French</option>
        <option value="Spanish">Spanish</option>
      </select>
      <input type="submit" value="Submit" /><br>
    </form>
    <hr>
    <?php if (isset($_POST['langs'])) { ?>
      <?php $langs = $_POST['langs']; ?>
      <h2>You have selected:</h2>
      <ul>
        <?php foreach ($langs as $lang) : ?>
          <li><?php echo $lang; ?></li>
        <?php endforeach; ?>
      </ul>
    <?php } ?>
  </body>
</html>
```