CT4009 Introduction to Web Development
Lab Work (Semester 2 Week 2)

This example shows how to send values from HTML forms to PHP. We use PHP mail() function to email the values.

This example uses the "**userRegistration.html**" and "**userRegistration.php**" files implemented last week. No changes on "**userRegistration.html**" and update the "**userRegistration.php**" file so that it contains the following code below:

```php
<?php
    $firstName=$_POST['firstName'];
    $lastName=$_POST['secondName'];
    $email=$_POST['emailAddress'];
    $from="<username>@glos.ac.uk";
    $server=$_SERVER['HTTP_USER_AGENT'];
    $subject="Message from PHP...";

    // Build the body of the message
    $body="<h1> User Registration Form </h1><p> Thank you, $firstName $lastName <br> Your details have
    been sent to $email.<br><br> User Agent= $server</p>";

    echo $body;

    // To send HTML email we need headers
    $headers = 'MIME-Version: 1.0' . "\r\n";
    $headers .= 'Content-type: text/html; charset=iso-8859-1' . "\r\n";

    //Create email headers
    $headers .= 'From: '.$from. "\r\n".
        'Reply-To: '.$from."\r\n" .
        'X-Mailer: PHP/' . phpversion();

    // Compose the message of the email
    $message = '<html><body>';
    $message .= $body;
    $message .= '</body></html>';

    if (mail($email, $subject, $message, $headers)){
        echo 'Your message was sent successfully.';
    } else {
        echo 'Unable to send email. Please try again.';
    }
?>
```

Upload both html and php files to web server, and test. Open "userRegistration.html" using your domain name in a browser window. Fill in the details in the userRegistration form and click submit. You should receive an email as an output.

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File 2: userRegistration.php

```php
<?php

/*

Take values from userRegistration.html

*/

$firstName=$_POST['firstName'];
$lastName=$_POST['se condName'];
$email=$_POST['emailAddress'];
$server=$_SERVER['HTTP_USER_AGENT'];

//echo $firstName; to test our code as we go - builds confidence!

$message="<p> Thank you, $firstName $lastName <br>
Your details have been sent to $email.<br><br>
on server $server</p>";


echo $message;

/*  Next session we will cover sending an email using the built in mail function. WARNING:
     Seems to only work with internal .glos.ac.uk addresses! For extra points try sending a HTML email.
*/

// mail(    );


?>
```