Experiment No.: 13

Title: Write a program to create a form to send mail using PHP.

Objectives:
   1. To study mechanism for sending mail in PHP
   2. To study various functions for sending mail in PHP

Theory:
   PHP allows you to send e-mails directly from a script.
   The PHP mail() function is used to send emails from inside a script.

Syntax:

   mail (to, subject, message, headers, parameters)

To   :   Required. Specifies the receiver / receivers of the email

Subject   :   Required. Specifies the subject of the email.

Message :   Required. Defines the message to be sent. Each line should be separated with a LF (\n). Lines should not exceed 70 characters.

Headers   :   Optional. Specifies additional headers, like From, Cc, and Bcc. The additional headers should be separated with a CRLF (\r\n)

Parameters: Optional. Specifies an additional parameter to the send mail program

PHP Simple E-Mail

```php
<?php
$to = "someone@example.com";
$subject = "Test mail";
$message = "Hello! This is a simple email message.";
$from = "someonelse@example.com";
$headers = "From: $from";
mail($to, $subject, $message, $headers );
echo "Mail Sent.";
?>
```

PHP Mail Form

Create the file mail_form.php

```php
<html>
<body>
<? php
```

```php
if (isset($_REQUEST['email']))
//if "email" is filled out, send email
  {
  //send email
  $email = $_REQUEST['email'] ;
  $subject = $_REQUEST['subject'] ;
  $message = $_REQUEST['message'] ;
  mail( "someone@example.com", "Subject: $subject",  $message, "From: $email" );
  echo "Thank you for using our mail form";
  }
else
//if "email" is not filled out, display the form
  {
  echo "<form method='post' action='mailform.php'>
  Email: <input name='email' type='text' /><br />
  Subject: <input name='subject' type='text' /><br />
  Message:<br />
  <textarea name='message' rows='15' cols='40'>
  </textarea><br />
  <input type='submit' />
  </form>";
  }
?>
</body>
</html>
```

Key concepts: mail()

Algorithm:

- Create mail_form.php
- Open it in bowser with internet connectivity
- Fill up form and send mail to self
- Test if mail is delivered