

Laboratory Optional Exercise (Pear Mail Library) sending email:

PEAR is a framework and distribution system for reusable PHP components. It is hosted on the php.net servers.

In this exercise, we will send email using the mail and mime pear libraries.

1. Install mail and mime libraries using the pear command:
pear install Mail
pear install Mail_Mime
2. Type in the following code and replace the appropriate inputs with your inputs:
<?php

```
include 'Mail.php';
include 'Mail/mime.php' ;

$text = 'Text version of email';
$html = '<html><body>HTML version of email</body></html>';
$file = '/home/<user>/attachmentfile';
$crLf = "\n";
$headers = array(
    'From' => 'you@yourdomain.com',
    'Subject' => 'Test mime message'
);

$mail = new Mail_mime(array('eol' => $crLf));

$mail->setTXTBody($text);
$mail->setHTMLBody($html);
$mail->addAttachment($file, 'text/plain');

$body = $mail->get();
$headers = $mail->headers($headers);

$mail =& Mail::factory('mail');
$mail->send('postmaster@localhost', $headers, $body);

?>
```

3. If you want to use smtp, use the following:
<?php

```
include 'Mail.php';
include 'Mail/mime.php' ;

$text = 'Text version of email';
$html = '<html><body>HTML version of email</body></html>';
```

```

$file = '/home/richard/example.php';
$crLf = "\n";
$headers = array(
    'From' => 'you@yourdomain.com',
    'Subject' => 'Test mime message'
);

$mail = new Mail_mime(array('eol' => $crLf));

$mail->setTXTBody($text);
$mail->setHTMLBody($html);
$mail->addAttachment($file, 'text/plain');

$body = $mail->get();
$headers = $mail->headers($headers);

$mail = Mail::factory('smtp', array(
    'host' => 'ssl://smtp.gmail.com',
    'port' => '465',
    'auth' => true,
    'username' => 'your@gmail.com', //your gmail account
    'password' => 'snip' // your password
));

$mail = $mail->send('postmaster@localhost', $headers, $body);

//check mail sent or not
if (PEAR::isError($mail)) {
    echo '<p>'.$mail->getMessage().'\</p>';
} else {
    echo '<p>Message successfully sent!\</p>';
}

?>

```