Date:	13-06-2020	Name:	Prajwal Kamagethi Chakravarti P L
Course:	MYSQL	USN:	4AL17EC073
Topic:	• **Mail with PHP**	Semester &Section:	6th & B
GitHub repository	https://www.github.com/alvas-education-foundation/Prajwal-Kamagethi.git		

AFTERNOON SESSION DETAILS

Image of session

Report –

The basic syntax of this function can be given with:

```
mail(to, subject, message, headers, parameters)
```
The following table summarizes the parameters of this function.

Parameter	Description
Required — The following parameters are required	
to	The recipient's email address.
subject	Subject of the email to be sent. This parameter i.e. the subject line cannot contain any newline character (\n).
message	Defines the message to be sent. Each line should be separated with a line feed-LF (\n). Lines should not exceed 70 characters.
Optional — The following parameters are optional	
headers	This is typically used to add extra headers such as "From", "Cc", "Bcc". The additional headers should be separated with a carriage return plus a line feed-CRLF (\r\n).
parameters	Used to pass additional parameters.

Sending Plain Text Emails

The simplest way to send an email with PHP is to send a text email. In the example below we first declare the variables — recipient's email address, subject line and message body — then we pass these variables to the mail() function to send the email.

Example
Download
```php
<?php
$to = 'maryjane@email.com';
$subject = 'Marriage Proposal';
$message = 'Hi Jane, will you marry me?';
$from = 'peterparker@email.com';

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

- **String** or **array** to be inserted at the end of the email header.
- **This is typically used to add extra headers (From, Cc, and Bcc). Multiple extra headers should be separated with a CRLF (\r\n). If outside data are used to compose this header, the data should be sanitized so that no unwanted headers could be injected.**
- **If an array is passed, its keys are the header names and its values are the respective header values.**

- **Before PHP 5.4.42 and 5.5.27, respectively,** additional_headers **did not have mail header injection protection. Therefore, users must make sure specified headers are safe and contains headers only. i.e. Never start mail body by putting multiple newlines.**

- **When sending mail, the mail *must* contain a *from* header. This can be set with the** additional_headers **parameter, or a default can be set in *php.ini*.**
- **Failing to do this will result in an error message similar to *Warning: mail (): "sendmail_from" not set in php.ini or custom "From:" header missing*. The *From* header sets also *Return-Path* under Windows.**

- **If messages are not received, try using a LF (\n) only. Some Unix mail transfer agents (most notably » qmail) replace LF by CRLF automatically (which leads to doubling CR if CRLF is used). This should be a last resort, as it does not comply with » RFC 2822.**

Additional_parameters (optional)

- **The** additional_parameters **parameter can be used to pass additional flags as command line options to the program configured to be used when sending mail, as defined by the *sendmail_path* configuration setting. For example, this can be used to set the envelope sender address when using send mail with the *-f* send mail option.**
- **This parameter is escaped by escapeshellcmd() internally to prevent command execution. escapeshellcmd () prevents command execution, but allows to add additional parameters. For security reasons, it is recommended for the user to sanitize this parameter to avoid adding unwanted parameters to the shell command.**
- **Since escapeshellcmd() is applied automatically, some characters that are allowed as email addresses by internet RFCs cannot be used. Mail () cannot allow such characters, so in programs where the use of such characters is required, alternative means of sending emails (such as using a framework or a library) is recommended.**
- **The user that the webserver runs as should be added as a trusted user to the send mail configuration to prevent a 'X-Warning' header from being added to the message when the envelope sender (-f) is set using this method.**