DAILY ASSESSMENT FORMAT

Date:	13-06-2020	Name:	K B KUSHI
Course:	MYSQL	USN:	4AL17EC107
Topic:	• Mail with PHP	Semester & Section:	6th sem 'B' sec
GitHub Repository:	KUSHI-COURSES		

FORENOON SESSION DETAILS
Image of session

Report:
mail
(PHP 4, PHP 5, PHP 7)

mail — Send mail

Description

mail (string $to , string $subject , string $message [, mixed $additional_headers [, string $additional_parameters]]) : bool

Sends an email.

Parameters to Receiver, or receivers of the mail:

The formatting of this string must comply with » RFC 2822. Some examples are:

- user@example.com
- user@example.com, anotheruser@example.com
- User <user@example.com>
- User <user@example.com>, Another User <anotheruser@example.com>

additional_headers (optional)

- 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.**

Return Values:

Returns TRUE if the mail was successfully accepted for delivery, FALSE otherwise.

It is important to note that just because the mail was accepted for delivery, it does NOT mean the mail will actually reach the intended destination.