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| **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**](https://www.tutorialrepublic.com/examples/bin/download-source.php?topic=php&file=send-text-email)  <?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**](https://www.php.net/manual/en/language.types.string.php)**or**[**array**](https://www.php.net/manual/en/language.types.array.php)**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**](https://www.php.net/manual/en/language.types.array.php)**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**](http://cr.yp.to/qmail.html)**) 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**](http://www.faqs.org/rfcs/rfc2822)**.**   **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()](https://www.php.net/manual/en/function.escapeshellcmd.php) internally to prevent command execution. [escapeshellcmd ()](https://www.php.net/manual/en/function.escapeshellcmd.php) 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()](https://www.php.net/manual/en/function.escapeshellcmd.php) 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.** | | | |