

Email Verification programPart 1: Verify the format of Email

Email_verify.php

```
<html>
<body>
<form method="post" action=" ">
  E-mail: <input type="text" name="email">
<input type="submit" name="submit" value="Submit">
</form>
<?php
if(isset($_POST["submit"]))
{
if(empty($_POST["email"]))
{
$emailErr = "Email is required";
echo $emailErr;
}
else
{
$email=trim($_POST["email"]);
// check if e-mail address is well-formed
if(!filter_var($email, FILTER_VALIDATE_EMAIL))
```

```
{
    $emailErr = "Invalid email format";
echo $emailErr;
}
else
{
$emailErr="Valid email";
    echo $emailErr;
}
}
}
?>
</body>
</html>
```

Discussion

What is filter_var()?

filter_var() is a PHP function used to filter a variable with the help of a specified filter. In PHP programming language we can use **filter_var()** function to **validate** data such as **email id, IP address etc.**

Validation means to check if the data entered by the user is in the proper format or not. For example, when validating an email we can check if '@' is present or not. Validation can be performed on integers, float, string, URL, e-mail, etc.

To ensure the security of your website data, it is required to perform validation.

This is where **filter_var()** function comes to the rescue.

Basic Syntax of filter_var() Function

```
Copy Codefilter_var ( mixed $variable [, int $filter  
= FILTER_DEFAULT [, mixed $options ] ] ) : mixed
```

Parameters of filter_var() Function

variable	It is the value which needed to be filtered. Note: Scalar values are converted to string internally before getting filtered.
filter	It is an optional parameter which represents the name or ID of the filter to be used. Default FILTER_DEFAULT will be used if this parameter is neglected. This will result in no filtering.
options	Also, an optional parameter, It specifies single or multiple flags/option to be used, This parameter checks for possible flags and option for each filter

Return Value

If successful it returns filtered value otherwise FALSE in the case of failure

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