

Email Verification programPart 1: Verify the format of EmailPart 2: Check the validity of verified Emails by comparing their Domain names with the list of domain names present in the databaseFor this,

- Create a database (here domains)
- Create a table (here Dnames)
- Enter a list of domain names in a column(here Domainlist)

Email_verify1.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";
    $dm=explode("@",$email);
    print_r($dm);
    echo "<br>";
    //Connect to the database
    $cn=mysqli_connect("localhost:3307","root","");
    //edit the port no. of by checking it in "my" configuration file
    //of your database, in my system, it is 3307
    // Select the database to use
    mysqli_select_db($cn,"domains");
    $query = "SELECT * FROM Dnames WHERE Domainlist='".$dm[1]."'";
    $result = mysqli_query($cn,$query) ;
    if(mysqli_num_rows($result)==1)
        echo "You entered a valid email_id";
    else
        echo "Valid Format but not authorised";
}
}

```

```
}  
}  
}  
?>  
</body>  
</html>
```

Discussion:

```
$dm=explode("@",$email);
```

Explode function, here, will separate an email eg., abc@gmail.com into an array of two strings separated by character in the first parameter, @ here. And save it into \$dm. So, \$dm[0] will contain abc \$dm[1] would be gmail.com.

Note:

The domain name can also be extracted using a combination of ltrim and strstr function as follows:

```
$dm=ltrim(strstr($email,"@"),"@");
```

Strstr function , here will return @gmail.com from abc@gmail.com. And ltrim function will trim the character specified as second parameter, @ here, from the left of the input string i.e. @gmail.com and finally return gmail.com.

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