

## Unit-2

- |          |   |
|----------|---|
| <b>1</b> | <b>.Create a form containing two input fields (Name, Email_ID) and a submit button. When the user clicks on submit button, the form data should be sent for processing to PHP file ,which should display the welcome message with the email_id on the PHP page. Form data should be sent by HTTP GET/POST method.</b> |
|----------|---|

### Using POST method:

```
<html>
```

```
<body>
```

```
<form action="welcome.php" method="post">
```

```
Name: <input type="text" name="name"><br>
```

```
E-mail: <input type="text" name="email"><br>
```

```
<input type="submit">
```

```
</form>
```

```
</body>
```

```
</html>
```

### Welcome.php:

```
<html>
```

```
<body>
```

```
Welcome <?php echo $_POST["name"]; ?><br>
```

```
Your email address is: <?php echo
```

```
$_POST["email"]; ?>
```

```
</body>
```

```
</html>
```

Using GET method:

```
<html>
```

```
<body>
```

```
<form action="welcome.php" method="get">
```

```
Name: <input type="text" name="name"><br>
```

```
E-mail: <input type="text" name="email"><br>
```

```
<input type="submit">
```

```
</form>
```

```
</body>
```

```
</html>
```

**Welcome.php:**

```
<html>
```

```
<body>
```

```
Welcome <?php echo $_GET["name"]; ?><br>
```

```
Your email address is: <?php echo
```

```
$_GET["email"]; ?>
```

```
</body>
```

```
</html>
```

**2 .Write a PHP script for that creates a database named "DB-1" in MySQL.**

```
<?php
```

```
$servername = "localhost";
```

```
$username = "root";
```

```
$password = "";
```

```
// Create connection
```

```
$conn = mysqli_connect($servername,  
$username, $password);
```

```
// Create database
```

```
$sql = "CREATE DATABASE database2";  
mysqli_query($conn, $sql);
```

```
if (!$conn) {  
    die("sorry we failed to connect  
".mysqli_connect_error());  
} else {  
    echo "Database created successfully";  
}  
?>
```

Method 2:

```
<?php  
$servername = "localhost";  
$username = "root";  
$password = "";  
  
// Create connection  
$conn = new mysqli($servername, $username,  
$password);  
  
// Check connection  
if ($conn->connect_error) {
```

```
die("Connection failed: " . $conn-
>connect_error);
}

// Create database
$sql = "CREATE DATABASE myDB1";
if ($conn->query($sql) === TRUE) {
    echo "Database created successfully";
} else {
    echo "Error creating database: " . $conn->error;
}

$conn->close();
?>
```

**3 .Write a PHP script for creating a product table in the specified database with fields Pro\_id, Pro\_name, Pro\_price, QOH. Also display an acknowledgement for the same.**

```
<?php
```

```
$servername = "localhost";
```

```
$username = "root";
```

```
$password = "";
```

```
$dbname = "mydb1";
```

```
// Create connection
```

```
$conn = new mysqli($servername, $username,  
$password, $dbname);
```

```
// Check connection
```

```
if ($conn->connect_error) {  
    die("Connection failed: " . $conn-  
>connect_error);  
}
```

```
// sql to create table
```

```
$sql = "CREATE TABLE Product (  
pro_id INT(6) UNSIGNED AUTO_INCREMENT  
PRIMARY KEY,
```

```
pro_name VARCHAR(30) NOT NULL,  
pro_price VARCHAR(30) NOT NULL,  
email VARCHAR(50),  
QOG VARCHAR(30)  
);
```

```
if ($conn->query($sql) === TRUE) {  
    echo "Table product created successfully";  
} else {  
    echo "Error creating table: " . $conn->error;  
}
```

```
$conn->close();
```

- 4      Create a form containing four input fields(Pro\_id, Pro\_name, Pro\_price) and Submit button. When the user clicks on the submit button an PHP script should be executed which inserts the record in the product table.**



```
<?php
    $conn = mysqli_connect('localhost', 'root','');
    mysqli_select_db($conn,'mca1');

    if(isset($_POST['add']))
    {
        $pid = $_POST['proid'];
        $pname = $_POST['praname'];
        $pprice = $_POST['proprice'];

        $sql = "INSERT INTO product2 VALUES
('$pid','$pname','$pprice)";
        if (mysqli_query($conn,$sql))
        {
            echo "New record created successfully !";
        } else
        {
            echo "Error: ";
        }
    }
}
```

```
mysqli_close($conn);  
}  
?>
```

```
<!DOCTYPE html>  
<html>  
  <body>  
    <form method="post">  
      Product id:<br>  
      <input type="text" name="proid">  
      <br>  
      Product name:<br>  
      <input type="text" name="proname">  
      <br>  
      Prdouct Price:<br>  
      <input type="text" name="proprice">  
      <br><br>  
  
      <input type="submit" name="add"
```

```
value="submit">
    </form>
</body>
</html>
```

- 5 Create a form containing one input field(Pro\_id) and a search button. When the user clicks on the Search button a PHP script should get executed and should display the details of the product for the Pro\_id specified.**

```
<html>
<body>
    <form method="post">
        Enter Product id You Want to Search
    :<br>
        <input type="text" name="proid">
        <br><br>
```

```
<input type="submit" name="aaa"
value="search">
```

```
</form>
```

```
</body>
```

```
</html>
```

```
<?php
```

```
$conn = mysqli_connect('localhost', 'root','');
mysqli_select_db($conn,'mca1');
```

```
if(isset($_POST['aaa']))
{
    $pid = $_POST['proid'];
```

```
    $sql = "select * from product2 where
pro_id='$pid'";
```

```
    $result = mysqli_query($conn,$sql);
```

```
if (mysqli_num_rows($result) > 0)
{

while($row = mysqli_fetch_array($result))
{
    echo "Product id: " . $row["pro_id"].
"<br> Product Name: " . $row["Pro_name"].
"<br> Product Name: " . $row["Pro_price"].
"<br>";
    echo "<br>";
}
}

else

{
    echo "0 results";
}

mysqli_close($conn);
}
?>
```

**6 Create a form containing two input fields (Pro\_id, QOH) and Update button. When the user clicks on the Update button the quantity of the Pro\_id specified should get updated using a PHP script.**

```
<html>
  <body>
    <form method="post">
      Enter Product id You Want to Update
      :<br>
      <input type="text"
name="proid"><br><br>

      Update product price :
      <input type="text"
name="proprice">
      <br><br>
```

```
        <input type="submit" name="aaa"
value="Update">
    </form>
</body>
</html>
```

```
<?php
```

```
$conn = mysqli_connect('localhost', 'root','');
    mysqli_select_db($conn,'mca1');
```

```
if(isset($_POST['aaa']))
{
```

```
    $pid = $_POST['proid'];
```

```
    $pprice = $_POST['proprice'];
```

```
    $sql = "update product2 set
Pro_price='$pprice' where pro_id='$pid'";
```

```
        if (mysqli_query($conn,$sql))
        {
            echo "Record update successfully !";
        }
    else
    {
        echo mysqli_error();
    }

    mysqli_close($conn);
}
?>
```

**7 Create a form containing one input field(Pro\_id) and a Delete button. When the user clicks on the Delete button a PHP script should get executed and should delete the record of the product for the Pro\_id specified.**

```
<html>
<body>
```



```
<form method="post">
    Enter Product id You Want to Delete
:<br>
    <input type="text"
name="proid"><br><br>
    <input type="submit" name="aaa"
value="Delete">
    </form>
</body>
</html>
```

```
<?php
```

```
$conn = mysqli_connect('localhost', 'root','');
mysqli_select_db($conn,'mca1');
```

```
if(isset($_POST['aaa']))
{
    $pid = $_POST['proid'];
```

```
    $sql = "delete from product2 where
pro_id='$pid'";
```

```
    if (mysqli_query($conn,$sql))
    {
        echo "Record deleted successfully !";
    }
else
    {
        echo mysqli_error();
    }

mysqli_close($conn);
}
?>
```

### **Isset() function :**

The isset() function is a built-in function of PHP, which is used to determine that a variable is set or not. If a variable is considered set, means the variable is declared and has a different value from the

NULL. In short, it checks that the variable is declared and not null.

This function returns **true** if the variable is not null, otherwise it returns **false**. Note that the null character ("**\0**") is considered different from the PHP **NULL** constant.

<https://www.javatpoint.com/php-isset-function>