

## Assignment No :1

### Set A

**1. Write a PHP script to keep track of number of times the web page has been access. [Use session and cookies]**

=>

```
<?php
session_start();
$_SESSION['page_count'] = ($_SESSION['page_count'] ?? 0) + 1;

$cookie_count = ($_COOKIE['page_count'] ?? 0) + 1;
setcookie('page_count', $cookie_count, time() + (86400 * 30));
?>

<html>

<body>
    <h1>Page Access Tracker</h1>
    <p>This page has been accessed:</p>
    <ul>
        <li><strong>Using Session:</strong> <?=
$_SESSION['page_count']; ?> times.</li>
        <li><strong>Using Cookies:</strong> <?= $cookie_count; ?>
times.</li>
    </ul>
</body>

</html>
```

## **OUTPUT:**

[http://localhost/webPractical%20Ty%20Sem%206/page\\_tracker.php](http://localhost/webPractical%20Ty%20Sem%206/page_tracker.php)

# **Page Access Tracker**

This page has been accessed:

- **Using Session:** 10 times.
- **Using Cookies:** 17 times.

**2. Write a PHP script to change the preferences of your web page like font style, font size, font color, background color using cookie. Display selected setting on next web page and actual implementation (with new settings) on third page.**

=>

**i) preferences\_form.php**

```
<?php
if ($_SERVER["REQUEST_METHOD"] == "POST") {
    foreach (['font_style', 'font_size', 'font_color', 'background_color'] as $key) {
        setcookie($key, $_POST[$key], time() + (86400 * 30), "/");
    }
    header("Location: display_preferences.php");
    exit;
}
?>
```

```
<html>
<body>
    <h1>Set Your Preferences</h1>
    <form method="post">
        <label>Font Style:
            <select name="font_style">
                <option>Arial</option>
                <option>Times New Roman</option>
                <option>Courier New</option>
            </select>
        </label><br><br>
        <label>Font Size:
            <select name="font_size">
                <option>12px</option>
                <option>14px</option>
                <option>16px</option>
            </select>
        </label><br><br>
        <label>Font Color: <input type="color"
name="font_color"></label><br><br>
        <label>Background Color: <input type="color"
name="background_color"></label><br><br>
        <button type="submit">Save Preferences</button>
    </form>
</body>
</html>
```

## ii) display\_preferences.php

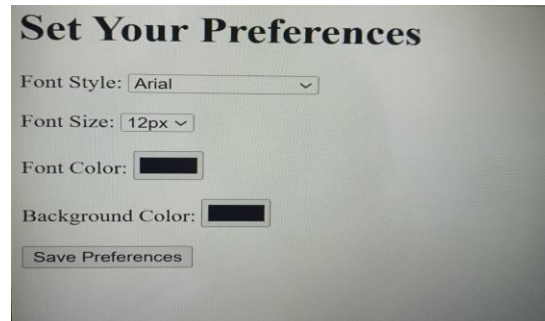
```
<html>
<body>
  <h1>Your Selected Preferences</h1>
  <p>Font Style: <?php echo $_COOKIE["font_style"]; ?></p>
  <p>Font Size: <?php echo $_COOKIE["font_size"]; ?></p>
  <p>Font Color: <?php echo $_COOKIE["font_color"]; ?></p>
  <p>Background Color: <?php echo
$_COOKIE["background_color"]; ?></p>
  <a href="apply_preferences.php">Go to Apply Preferences
Page</a>
</body>
</html>
```

## iii) apply\_preferences.php

```
<html>
<head>
  <style>
    body {
      font-family: <?php echo $_COOKIE["font_style"]; ?>;
      font-size: <?php echo $_COOKIE["font_size"]; ?>;
      color: <?php echo $_COOKIE["font_color"]; ?>;
      background-color: <?php echo
$_COOKIE["background_color"]; ?>;
    }
  </style>
</head>
<body>
  <h1>Preferences Applied</h1>
  <p>This page displays the web page with your selected
preferences.</p>
</body>
</html>
```

## OUTPUT:

[http://localhost/webPractical%20Ty%20Sem%206/preferences\\_form.php](http://localhost/webPractical%20Ty%20Sem%206/preferences_form.php)



**Set Your Preferences**

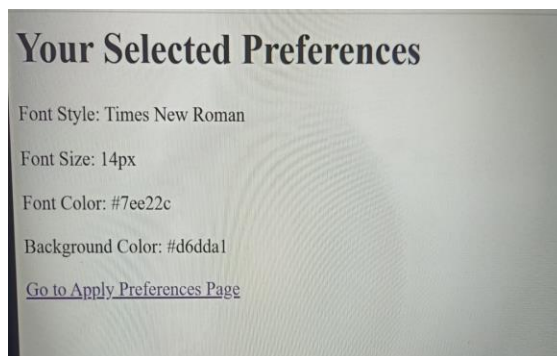
Font Style:

Font Size:

Font Color:

Background Color:

[http://localhost/webPractical%20Ty%20Sem%206/display\\_preferences.php](http://localhost/webPractical%20Ty%20Sem%206/display_preferences.php)



**Your Selected Preferences**

Font Style: Times New Roman

Font Size: 14px

Font Color: #7ee22c

Background Color: #d6dda1

[Go to Apply Preferences Page](#)

[http://localhost/webPractical%20Ty%20Sem%206/apply\\_preferences.php](http://localhost/webPractical%20Ty%20Sem%206/apply_preferences.php)



**Preferences Applied**

This page displays the web page with your selected preferences.

## Set B

**1. Write a PHP script to accept username and password. If in the first three chances, username and password entered is correct then display second form with “Welcome message” otherwise display error message. [Use Session]**

=>

### i) login.php

```
<?php
```

```
session_start();
```

```
define('USERNAME', 'admin');
```

```
define('PASSWORD', 'password123');
```

```
$_SESSION['attempts'] = $_SESSION['attempts'] ?? 0;
```

```
if ($_SERVER['REQUEST_METHOD'] == 'POST') {
```

```
    $_SESSION['attempts']++;
```

```
    if ($_POST['username'] === USERNAME && $_POST['password'] ===  
PASSWORD) {
```

```
        $_SESSION['loggedin'] = true;
```

```
        header('Location: welcome.php');
```

```
        exit;
```

```
    }
```

```
    $error = $_SESSION['attempts'] >= 3
```

```
        ? 'Maximum attempts exceeded.'
```

```
        : 'Invalid credentials. Attempt: ' . $_SESSION['attempts'];
```

```
    if ($_SESSION['attempts'] >= 3) session_destroy();
```

```
}
```

```
?>
```

```
<html>
```

```
<body>
```

```
    <h1>Login</h1>
```

```
    <?php if (!empty($error)) echo "<p style='color: red;'>$error</p>"; ?>
```

```
    <form method="post">
```

```
        <label>Username: <input type="text" name="username"  
required></label><br><br>
```

```
        <label>Password: <input type="password" name="password"  
required></label><br><br>
```

```
        <button type="submit">Login</button>
```

```
    </form>
```

```
</body>
```

```
</html>
```

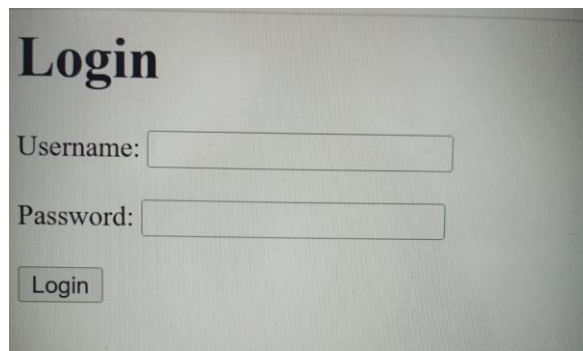
## ii) welcome.php

```
<?php  
session_start();  
?>
```

```
<html>  
<body>  
    <h1>Welcome</h1>  
    <p>Welcome to the secure area, admin!</p>  
</body>  
</html>
```

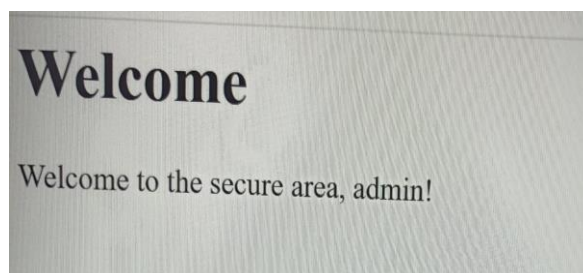
## OUTPUT:

<http://localhost/webPractical%20Ty%20Sem%206/login.php>



A screenshot of a web browser displaying a login form. The form has a title "Login" in a large, bold, serif font. Below the title, there are two input fields: "Username:" followed by a text box, and "Password:" followed by a text box. Below the password field, there is a button labeled "Login".

<http://localhost/webPractical%20Ty%20Sem%206/welcome.php>



**2. Write a PHP script to accept Employee details (Eno, Ename, Address) on first page. On second page accept earning (Basic, DA, HRA). On third page print Employee information (Eno, Ename, Address, Basic, DA, HRA, Total) [ Use Session]**

**=>**

**i) employee\_details.php**

```
<?php
session_start();
if ($_SERVER["REQUEST_METHOD"] == "POST") {
    $_SESSION['employee'] = $_POST;
    header("Location: earnings.php");
    exit;
}
?>
```

```
<html>
<body>
    <h1>Employee Details</h1>
    <form method="post">
        <input type="text" name="Eno" placeholder="Employee
Number" required><br><br>
        <input type="text" name="Ename" placeholder="Employee
Name" required><br><br>
        <input type="text" name="Address" placeholder="Address"
required><br><br>
        <button type="submit">Next</button>
    </form>
</body>
</html>
```



## ii) earnings.php

```
<?php
session_start();
if ($_SERVER["REQUEST_METHOD"] == "POST") {
    $_SESSION['earnings'] = $_POST;
    header("Location: display_employee.php");
    exit;
}
?>

<html>
<body>
    <h1>Employee Earnings</h1>
    <form method="post">
        <input type="number" name="Basic" placeholder="Basic
Salary" required><br><br>
        <input type="number" name="DA" placeholder="DA"
required><br><br>
        <input type="number" name="HRA" placeholder="HRA"
required><br><br>
        <button type="submit">Submit</button>
    </form>
</body>
</html>
```

### iii) display\_employee.php

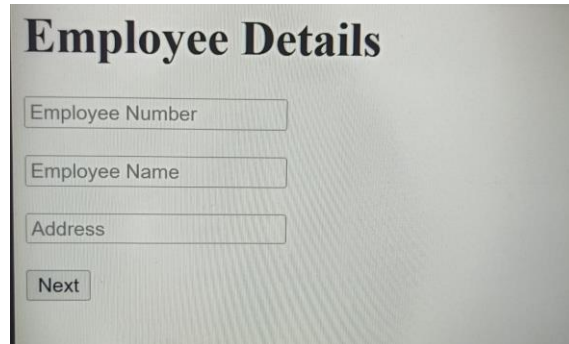
```
<?php
session_start();
if (empty($_SESSION['employee']) ||
empty($_SESSION['earnings'])) {
    header("Location: employee_details.php");
    exit;
}

$details = $_SESSION['employee'];
$earnings = $_SESSION['earnings'];
$total = $earnings['Basic'] + $earnings['DA'] + $earnings['HRA'];
?>

<html>
<body>
    <h1>Employee Information</h1>
    <p><strong>Employee Number:</strong> <?= $details['Eno'];
?></p>
    <p><strong>Employee Name:</strong> <?= $details['Ename'];
?></p>
    <p><strong>Address:</strong> <?= $details['Address']; ?></p>
    <p><strong>Basic Salary:</strong> <?= $earnings['Basic']; ?></p>
    <p><strong>DA:</strong> <?= $earnings['DA']; ?></p>
    <p><strong>HRA:</strong> <?= $earnings['HRA']; ?></p>
    <p><strong>Total Earnings:</strong> <?= $total; ?></p>
</body>
</html>
```

## OUTPUT:

[http://localhost/webPractical%20Ty%20Sem%206/employee\\_details.php](http://localhost/webPractical%20Ty%20Sem%206/employee_details.php)



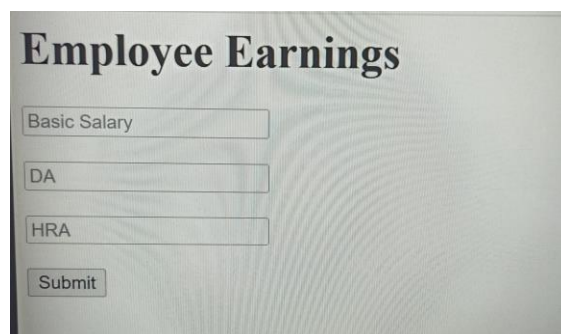
**Employee Details**

Employee Number

Employee Name

Address

<http://localhost/webPractical%20Ty%20Sem%206/earnings.php>



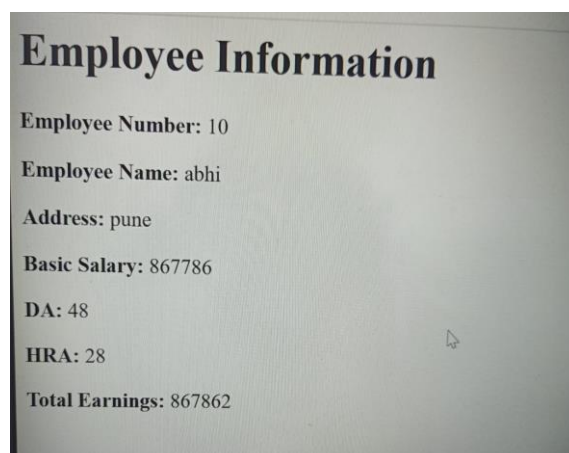
**Employee Earnings**

Basic Salary

DA

HRA

[http://localhost/webPractical%20Ty%20Sem%206/display\\_employee.php](http://localhost/webPractical%20Ty%20Sem%206/display_employee.php)



**Employee Information**

Employee Number: 10

Employee Name: abhi

Address: pune

Basic Salary: 867786

DA: 48

HRA: 28

Total Earnings: 867862

## Set C

**1. Create a form to accept customer information ( Name, Addr, MobNo). Once the customer information is accepted, accept product information in the next form (ProdName, Qty,Rate). Generate the bill for the customer in the next form. Bill should contain the customer information and the information of the products entered.**

=>

### i) customer\_info.php

```
<?php
session_start();
if ($_SERVER["REQUEST_METHOD"] == "POST") {
    $_SESSION['customer'] = $_POST;
    header("Location: product_info.php");
    exit;
}
?>
```

```
<html>
```

```
<body>
    <h1>Customer Information</h1>
    <form method="post">
        <input type="text" name="Name" placeholder="Name"
required><br><br>
        <input type="text" name="Addr" placeholder="Address"
required><br><br>
        <input type="text" name="MobNo" placeholder="Mobile
Number" required><br><br>
        <button type="submit">Next</button>
    </form>
</body>
```

```
</html>
```

## li ) product\_info.php

```
<?php
session_start();
if ($_SERVER["REQUEST_METHOD"] == "POST") {
    $_SESSION['product'] = $_POST;
    header("Location: generate_bill.php");
    exit;
}
?>

<html>

<body>
    <h1>Product Information</h1>
    <form method="post">
        <input type="text" name="ProdName" placeholder="Product
Name" required><br><br>
        <input type="number" name="Qty" placeholder="Quantity"
required><br><br>
        <input type="number" name="Rate" placeholder="Rate"
required><br><br>
        <button type="submit">Generate Bill</button>
    </form>
</body>

</html>
```

### iii) generate\_bill.php

```
<?php
session_start();
if (empty($_SESSION['customer']) || empty($_SESSION['product']))
{
    header("Location: customer_info.php");
    exit;
}

$customer = $_SESSION['customer'];
$product = $_SESSION['product'];
$total = $product['Qty'] * $product['Rate'];
?>

<html>

<body>
    <h1>Customer Bill</h1>

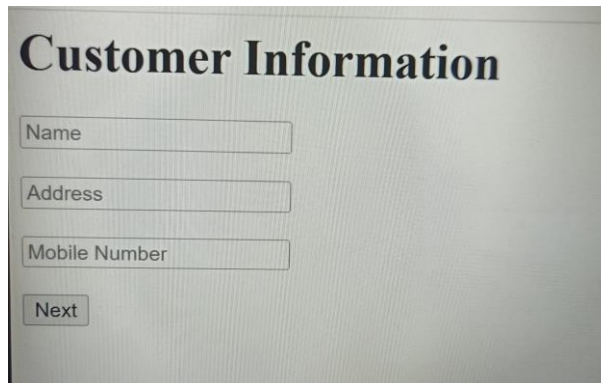
    <h2>Customer Information</h2>
    <p><strong>Name:</strong> <?= $customer['Name']; ?></p>
    <p><strong>Address:</strong> <?= $customer['Addr']; ?></p>
    <p><strong>Mobile Number:</strong> <?= $customer['MobNo'];
?></p>

    <h2>Product Information</h2>
    <p><strong>Product Name:</strong> <?= $product['ProdName'];
?></p>
    <p><strong>Quantity:</strong> <?= $product['Qty']; ?></p>
    <p><strong>Rate:</strong> <?= $product['Rate']; ?></p>
    <p><strong>Total:</strong> <?= $total; ?></p>
</body>

</html>
```

## OUTPUT:

[http://localhost/webPractical%20Ty%20Sem%206/customer\\_info.php](http://localhost/webPractical%20Ty%20Sem%206/customer_info.php)



A screenshot of a web form titled "Customer Information". It contains three text input fields labeled "Name", "Address", and "Mobile Number", and a "Next" button at the bottom.

**Customer Information**

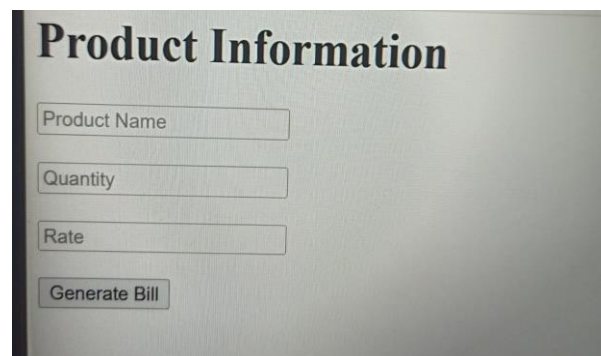
Name

Address

Mobile Number

Next

[http://localhost/webPractical%20Ty%20Sem%206/product\\_info.php](http://localhost/webPractical%20Ty%20Sem%206/product_info.php)



A screenshot of a web form titled "Product Information". It contains three text input fields labeled "Product Name", "Quantity", and "Rate", and a "Generate Bill" button at the bottom.

**Product Information**

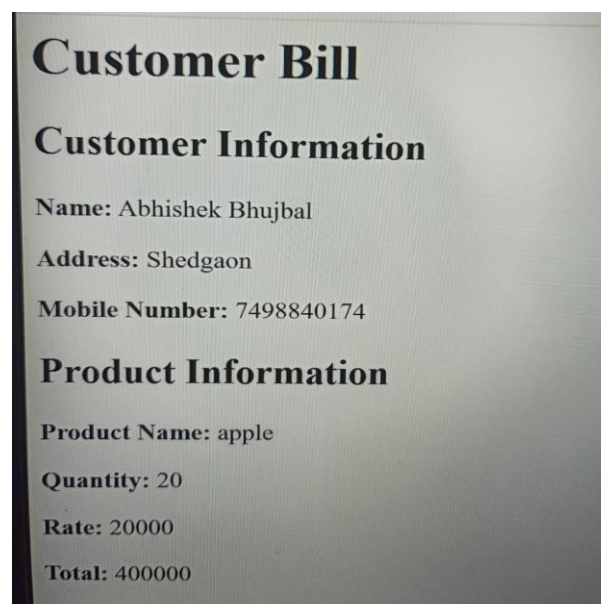
Product Name

Quantity

Rate

Generate Bill

[http://localhost/webPractical%20Ty%20Sem%206/generate\\_bill.php](http://localhost/webPractical%20Ty%20Sem%206/generate_bill.php)



A screenshot of a web page titled "Customer Bill". It displays the customer information and product information entered in the previous forms, along with the calculated total.

**Customer Bill**

**Customer Information**

**Name:** Abhishek Bhujbal

**Address:** Shedgaon

**Mobile Number:** 7498840174

**Product Information**

**Product Name:** apple

**Quantity:** 20

**Rate:** 20000

**Total:** 400000