Web Development Practicals

1. Build Your Resume Using HTML, CSS

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Resume</title>

    <!-- Google font  -->
    <link rel="preconnect" href="https://fonts.googleapis.com">
    <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
    <link
href="https://fonts.googleapis.com/css2?family=Roboto:ital,wght@0,100;0,300
;0,400;0,700;1,100;1,300;1,400;1,700&display=swap" rel="stylesheet">

    <!-- font-awesome -->
    <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-
awesome.min.css">

    <!-- Custom CSS -->
    <link rel="stylesheet" href="style.css">
</head>
<body>
    <main class="resume-contents">
        <section class="left-section">
            <div class="left-section-contents">
                <div class="profile">

                    <p class="name">Lorem Ipsum</p>
                    <p class="profession">Software Engineer</p>
                </div>
                <div class="contact-info">
                    <p class="left-title">Contact Info</p>
                    <ul>
                        <li><i class="fa fa-phone"></i>+123456789
                        </li>
```

```html
                        <li><i class="fa fa-
envelope"></i>loremipsum@amail.com
                        </li>
                        <li><i class="fa fa-globe"></i>lorem.ipsum.web
                        </li>
                        <li><i class="fa fa-
github"></i>loremipsum.github.com
                        </li>
                        <li><i class="fa fa-map-marker"></i>70 Dream St,
USA
                        </li>
                    </ul>
                </div>
                <div class="skills">
                    <p class="left-title">Skills</p>
                    <ul>
                        <li><p>Python3, Django & Flask</p></li>
                        <li><p>C & C++, Java</p></li>
                        <li><p>JavaScript, Angular</p></li>
                        <li><p>HTML5 & CSS3</p></li>
                        <li><p>SQL, MySql</p></li>
                        <li><p>Git & GitHub</p></li>
                        <li><p>Linux, Bash/Shell</p></li>
                    </ul>
                </div>

                <div class="references">
                    <p class="left-title">References</p>
                    <div class="refer">
                        <p class="referance-name">Lorem ipsum</p>
                        <p class="referance-profession">Lorem, ipsum
dolor.</p>
                        <ul>
                            <li>
                                <i class="fa fa-phone"></i>
                                +123456789
                            </li>
                            <li>
                                <i class="fa fa-envelope"></i>
                                loremipsum@amail.com
                            </li>
                        </ul>
                    </div>
                    <div class="refer">
```

```html
                    <p class="referance-name">Lorem ipsum</p>
                    <p class="referance-profession">Lorem, ipsum
dolor.</p>
                    <ul>
                        <li>
                            <i class="fa fa-phone"></i>
                            +123456789
                        </li>
                        <li>
                            <i class="fa fa-envelope"></i>
                            loremipsum@amail.com
                        </li>
                    </ul>
                </div>
            </div>
        </div>
    </section>

    <section class="right-section">
        <div class="right-section-contents">
            <section class="about gap">
                <div class="right-title">About Me</div>
                <p class="about-me-contents">
                    Lorem ipsum dolor sit amet consectetur adipisicing
elit. Soluta quae aliquid ab tempore deleniti modi animi facere,
                    laborum illum quis in quidem distinctio quod
officia unde. Aspernatur eligendi architecto ipsam sint alias consequatur
                    at modi magni in, accusantium iure voluptates eius
possimus? Incidunt veritatis illum corrupti nobis labore expedita.<br>
                    <br> Lorem ipsum dolor sit amet consectetur
adipisicing elit. Possimus temporibus velit minima assumenda atque
inventore natus hic,
                    voluptatem est explicabo voluptate vel, adipisci
illum, ratione repellendus! Consequuntur veniam modi nihil.
                </p>
            </section>

            <section class="experience gap">
                <div class="right-title">Experience</div>
                <div class="experience-contents">
                    <div class="exp-left">
                        <p class="exp-company-name">Company one</p>
                        <p class="exp-time-period">2016-2018</p>
                    </div>
```

```html
                    <div class="exp-right">
                        <p class="exp-position">position one</p>
                        <p class="exp-desc">
                            Lorem, ipsum dolor sit amet consectetur
                        </p>
                    </div>
                </div>
                <div class="experience-contents">
                    <div class="exp-left">
                        <p class="exp-company-name">Company two</p>
                        <p class="exp-time-period">2016-2018</p>
                    </div>
                    <div class="exp-right">
                        <p class="exp-position">position two</p>
                        <p class="exp-desc">
                            Lorem, ipsum dolor sit amet consectetur
                        </p>
                    </div>
                </div>
                <div class="experience-contents">
                    <div class="exp-left">
                        <p class="exp-company-name">Company three</p>
                        <p class="exp-time-period">2016-2018</p>
                    </div>
                    <div class="exp-right">
                        <p class="exp-position">position three</p>
                        <p class="exp-desc">
                            Lorem, ipsum dolor sit amet consectetur
                        </p>
                    </div>
                </div>
            </section>

            <section class="education gap">
                <div class="right-title">Education</div>
                <div class="education-contents">
                    <div class="education-left">
                        <p class="education-school-name">University
name</p>
                        <p class="educationp-time-period">2016-2018</p>
                    </div>
                    <div class="education-right">
                        <p class="education-subject">Computer
Science</p>
```

```html
                        <p class="education-desc">
                            Lorem, ipsum dolor sit amet consectetur
                        </p>
                    </div>
                </div>
                <div class="education-contents">
                    <div class="education-left">
                        <p class="education-school-name">College
name</p>
                        <p class="educationp-time-period">2016-2018</p>
                    </div>
                    <div class="education-right">
                        <p class="education-subject">Science</p>
                        <p class="education-desc">
                            Lorem, ipsum dolor sit amet consectetur
                        </p>
                    </div>
                </div>
                <div class="education-contents">
                    <div class="education-left">
                        <p class="education-school-name">School
name</p>
                        <p class="educationp-time-period">2016-2018</p>
                    </div>
                    <div class="education-right">
                        <p class="education-subject">Science</p>
                        <p class="education-desc">
                            Lorem, ipsum dolor sit amet consectetur
                        </p>
                    </div>
                </div>
            </section>

            <section class="awards gap">
                <div class="right-title">Awards & Certificates</div>
                <div class="awards-contents">
                    <div class="awards-left">
                        <p class="awards-company-name">Company x</p>
                        <p class="awards-time-period">24 June 2016</p>
                    </div>
                    <div class="awards-right">
                        <p class="awards-name">Employee of the
month</p>
                        <p class="awards-desc">
```

```html
                                Lorem, ipsum dolor sit amet consectetur
                            </p>
                        </div>
                    </div>
                    <div class="awards-contents">
                        <div class="awards-left">
                            <p class="awards-company-name">Certificate
x</p>
                            <p class="awards-time-period">12 January
2019</p>
                        </div>
                        <div class="awards-right">
                            <p class="awards-name">Certificate of
complition</p>
                            <p class="awards-desc">
                                Lorem, ipsum dolor sit amet consectetur
                            </p>
                        </div>
                    </div>
                </section>
            </div>
        </section>
    </main>
</body>
</html>
```

Css:

```css
* {
    margin: 0;
    padding: 0;
    box-sizing: border-box;
    list-style: none;
    font-family: 'Roboto', sans-serif;
}

body {
    background-color: #AED6F1;
}

.resume-contents {
    min-height: 100vh;
    width: 80%;
```

```css
    margin: 2rem auto;
    display: grid;
    grid-template-columns: repeat(7, 1fr);
}

.left-section {
    grid-column: span 2;
    height: 100%;
    background-color: #34495E;
}

.right-section {
    grid-column: span 5;
    height: 100%;
    background-color: #D6DBDF;
}

.left-section-contents{
    padding: 2rem 2rem;
}

.profile {
    width: 100%;
    border-bottom: 2px solid #1B2631;
}

.profile .profile-image {
    width: 100%;
    border-radius: 50%;
    border: 8px solid #1B2631;
}

.name {
    color: #D6DBDF;
    font-size: 30px;
    letter-spacing: 2px;
    text-transform: uppercase;
    text-align: center;
    font-weight: bold;
    padding: 1rem 0;
```

```css
}

.profession {
    color: #F9E79F;
    font-size: 20px;
    text-transform: uppercase;
    text-align: center;
    letter-spacing: 2px;
    font-weight: bold;
    padding-bottom: 1rem;
}


.left-title {
    color: #D6DBDF;
    font-size: 20px;
    letter-spacing: 2px;
    text-transform: uppercase;
    font-weight: bold;
    display: flex;
    align-items: center;
    padding-top: 3rem;
}

.contact-info ul {
    padding-top: 1.5rem;
}

.contact-info ul li,
.references ul li {
    padding: .4rem 0;
    display: flex;
    align-items: center;
    color: #d6dbdfaf;
    letter-spacing: 1px;
    font-size: 18px;
}

.contact-info ul li i,
.references ul li i {
```

```css
    padding-right: 1rem;
    font-size: 18px;
    color: #2E86C1;
}


.skills ul {
    padding-top: 1.5rem;
}
.skills ul li p {
    padding: .4rem 0;
    color: #d6dbdfaf;
    font-size: 18px;
    letter-spacing: 1px;
    display: flex;
    align-items: center;
    text-transform: uppercase;
}


.referance-name {
    padding-top: 1.5rem;
    padding-bottom: .4rem;
    font-size: 18px;
    color: #F9E79F;
    letter-spacing: 1px;
    text-transform: uppercase;
}


.referance-profession {
    font-size: 16px;
    color: #d6dbdfaf;
    letter-spacing: 1px;
    /* text-transform: uppercase; */
    padding-bottom: .4rem;
}


.right-section-contents {
    padding: 2rem 2rem;
}
```

```css
.right-title {
    color: #34495E;
    font-size: 40px;
    letter-spacing: 2px;
    text-transform: uppercase;
    font-weight: bold;
    display: flex;
    align-items: center;
    padding: 2rem 0;
    position: relative;
}

.gap {
    padding-bottom: 2rem;
}
.about-me-contents {
    font-size: 18px;
    letter-spacing: 1px;
    line-height: 2rem;
}

.experience-contents,
.education-contents,
.awards-contents {
    display: grid;
    grid-template-columns: repeat(2, 1fr);
    padding-bottom: 2rem;
}

.exp-company-name,
.education-school-name,
.awards-company-name {
    font-size: 25px;
    font-weight: bold;
    text-transform: uppercase;
    letter-spacing: 1px;
    color: #21638f;
    padding-bottom: .4rem;
}
```

```css
.exp-time-period,
.educationp-time-period,
.awards-time-period {
    font-size: 18px;
    letter-spacing: 1px;
    line-height: 2rem;
}

.exp-position,
.education-subject,
.awards-name {
    font-size: 25px;
    font-weight: bold;
    text-transform: uppercase;
    letter-spacing: 1px;
    color: #2E86C1;
    padding-bottom: .4rem;
}

.exp-desc,
.education-desc,
.awards-desc {
    font-size: 16px;
    letter-spacing: 1px;
    line-height: 1.5rem;
    border-left: 3px solid #a5a3a3;
    padding-left: 5px;
}
```

2. Build a Timetable Using HTML, CSS

```html
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>IT SEM-5 Time Table</title>
</head>

<style>
    h2,
    h3 {
        text-align: center;
    }

    p {
        font-weight: 600;
    }

    th,
    td {
        padding: 10px;
    }

    .info {
        display: flex;
        justify-content: space-around;
        align-items: center;
        margin: 10px 0 20px;
    }
</style>

<body>
    <h2>SARVAJANIK COLLEGE OF ENGINEERING & TECHNOLOGY, SURAT
(042)</h2>
    <h3>CLASS TIME TABLE (W.E.F 11/07/2022: ____)</h3>
```

```html
<div class="info">
    <p>BE: III IT</p>
    <p>SEMITER: V</p>
    <p>YEAR: 2022-2023</p>
    <p>CLASS ROOM: K-202</p>
</div>

<table border="1" align="center">
    <tr align="center">
        <th>Period</th>
        <th>1</th>
        <th>2</th>
        <th rowspan="16">RECESS</th>
        <th>3</th>
        <th>4</th>
        <th rowspan="16">RECESS</th>
        <th>5</th>
        <th>6</th>
        <th>7</th>
    </tr>
    <tr align="center">
        <td>Time</td>
        <td>9:00-10:00</td>
        <td>10:00-11:00</td>
        <td>11:15-12:15</td>
        <td>12:15-1:15</td>
        <td>2:00-3:00</td>
        <td>3:00-4:00</td>
        <td>4:00-5:00</td>
    </tr>

    <tr align="center">
        <td rowspan="2">MON</td>
        <td>CS</td>
        <td>ADA</td>
        <td>WEB</td>
        <td>PE</td>
        <td colspan="2" bgcolor="#ddd">CN (HV, AK) (A) (1)</td>
        <td>AI/ML / CS (H)</td>
    </tr>
    <tr align="center">
        <td>(TG)</td>
        <td>(MMP)</td>
        <td>(AK)</td>
```

```html
        <td>(AM)</td>
        <td colspan="2" bgcolor="#ddd">ADA (VJ, MMP) (B) (2)</td>
        <td>( )</td>
    </tr>

    <tr align="center">
        <td rowspan="2">TUE</td>
        <td>WEB</td>
        <td>CN</td>
        <td colspan="2" bgcolor="#ddd">WEB(AK, KP) (A) (3)</td>
        <td>ADA</td>
        <td>DE II A</td>
        <td>AI/ML / CS (H)</td>
    </tr>
    <tr align="center">
        <td>(KP)</td>
        <td>(AK)</td>
        <td colspan="2" bgcolor="#ddd">CS(TG, AM) (B) (2)</td>
        <td>(MMP)</td>
        <td>(MP, AK, MMP)</td>
        <td>( )</td>
    </tr>

    <tr align="center">
        <td rowspan="2">WED</td>
        <td>PE</td>
        <td>CN</td>
        <td colspan="2" bgcolor="#ddd">WEB(AK, KP) (B) (3)</td>
        <td>CS</td>
        <td>CPDP</td>
        <td rowspan="4" bgcolor="#fff0f0"></td>
    </tr>
    <tr align="center">
        <td>(AM)</td>
        <td>(HV)</td>
        <td colspan="2" bgcolor="#ddd">CS(TG, AM) (A) (2)</td>
        <td>(TG)</td>
        <td>(AM)</td>
    </tr>

    <tr align="center">
        <td rowspan="2">THU</td>
        <td colspan="2" bgcolor="#ddd">CN (AK, AM) (B) (1)</td>
        <td>ADA</td>
```

```html
            <td>CN</td>
            <td rowspan="2" colspan="2" bgcolor="#ddd">AIML / CS (H)</td>
        </tr>
        <tr align="center">
            <td colspan="2" bgcolor="#ddd">ADA (MMP, MNP) (A) (2)</td>
            <td>(AM)</td>
            <td>(HV)</td>
        </tr>

        <tr align="center">
            <td rowspan="2">FRI</td>
            <td>ADA</td>
            <td>PE</td>
            <td>CN</td>
            <td>WEB</td>
            <td>CPDP</td>
            <td>DE II A</td>
            <td>AI/ML / CS (H)</td>
        </tr>
        <tr align="center">
            <td>(MMP)</td>
            <td>(AM)</td>
            <td>(HV)</td>
            <td>(KP)</td>
            <td>(AM)</td>
            <td>(DS, AM, BP)</td>
            <td>( )</td>
        </tr>

    </table>
</body>

</html>
```

3. Demonstrate The Z-index Property of CSS

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <title>Z-index</title>
    <style>
        .wrapper {
            position: relative;
        }

        .dashed-box {
            position: relative;
            z-index: 1;
            border: dashed;
            height: 8em;
            margin-bottom: 1em;
            margin-top: 2em;
        }
        .gold-box {
            position: absolute;
            z-index: 3;
            background: gold;
            width: 80%;
            left: 60px;
            top: 3em;
        }
    </style>
</head>
<body>
    <div class="wrapper">
        <div class="dashed-box">Dashed box</div>
        <div class="gold-box">Gold box</div>
      </div>
</body>
</html>
```

4. Demonstrate The Transition Property Of CSS

```html
<html>
<head>
<style>
div {
  width: 100px;
  height: 100px;
  background: red;
  transition: width 2s;
}

div:hover {
  width: 300px;
}
</style>
</head>
<body>

<h1>The transition Property</h1>

<p>Hover over the div element below, to see the transition
effect:</p>
<div></div>

</body>
</html>
```

5. Write a PHP program to display message "Hello World" on screen.

```php
<?php
echo "Hello World";
?>
```

Output:

Hello World
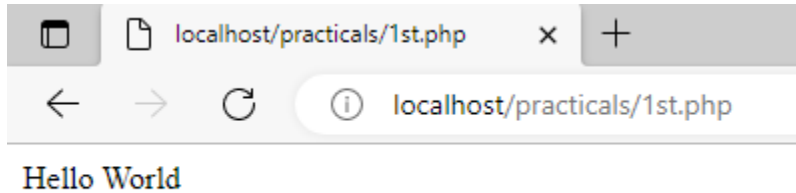
6. Write a PHP program to display the variable with its value.

```php
<?php

$a = 56;
echo $a;

?>
```

Output:

56
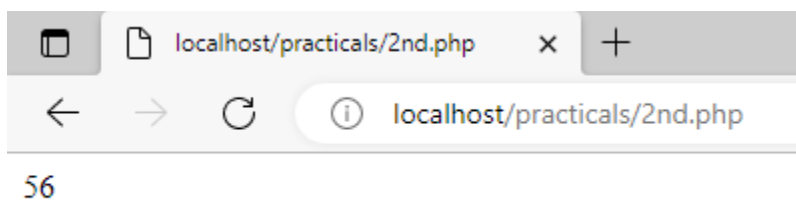
7. Write a PHP program that performs calculator i.e. (addition,subtraction,division,multiplication,modulo)

```php
<?php

echo "Calculator<br>";

$a=50;
$b=42;

echo "Value of variables are $a and $b <br>";
echo "<br>";
echo "summetion is ". $a+$b;
echo "<br>";
echo "substraction is ". $a-$b;
echo "<br>";
echo "multiplication is ". $a*$b;
echo "<br>";
echo "division is ". $a/$b;
echo "<br>";
?>
```

Output:

Calculator
Value of variables are 50 and 42

42
-42
multiplication is 2100
division is 1.1904761904762
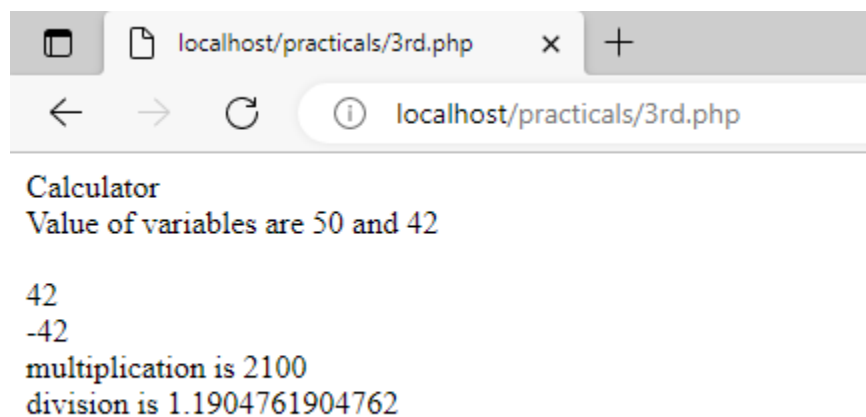
8. Write a PHP program to swap two variables.(i.e a=5,b=4 after swapping the value will be a=4,b=5).

```php
<?php
$a=56;
$b=12;
echo "The value of variable before swapping is a=$a and b=$b <br>";



$t=$a;
$a=$b;
$b=$t;

echo "The value of variable after swapping is a=$a and b=$b";


?>
```

Output:

The value of variable before swapping is a=56 and b=12
The value of variable after swapping is a=12 and b=56
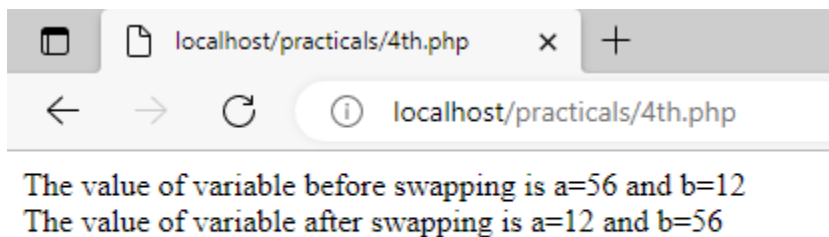
9. Write a PHP program to check whether the number is odd or even.

```php
<?php

$a = 44;

if($a%2==0){
    echo "$a is even ";
}
else {
    echo "odd";
}

?>
```

Output:

44 is even
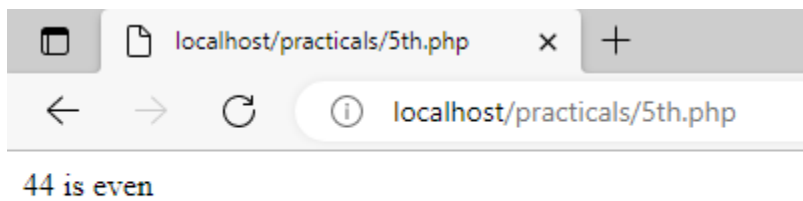
10. Write a PHP program to check students marks based on their grads.(use if..elseif...else)

```php
<?php

$marks = 90;
echo "Shreya performs ";
if ($marks>=80){
    echo "Marvelous";
}
elseif($marks>=60){
    echo "good";
}
elseif($marks>=40){
    echo "Poor";
}
else{
    echo "So bad";
}
?>
```

Output:

localhost/practicals/6th.php   ×   +

← → C   ⓘ localhost/practicals/6th.php

Shreya performs Marvelous
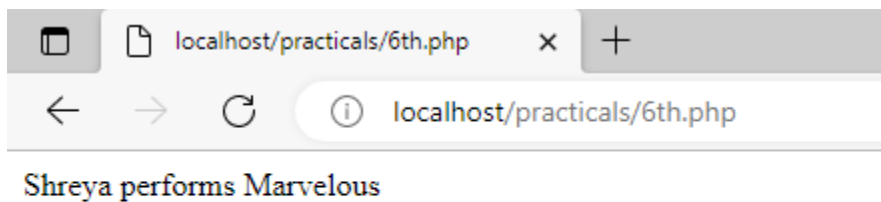
11. Write a PHP program to display the day of week using switch statement.

```php
<?php

$a = 1;

switch ($a) {
    case '1':
        echo "sunday";
        break;
        case '2':
            echo "monday";
            break;case '3':
                echo "tuesday";
                break;case '4':
                    echo "wednesday";
                    break;case '5':
                        echo "thursday";
                        break;case '6':
                            echo "friday";
                            break;

    default:
        echo "saturday";
        break;
}
```

Output:

sunday
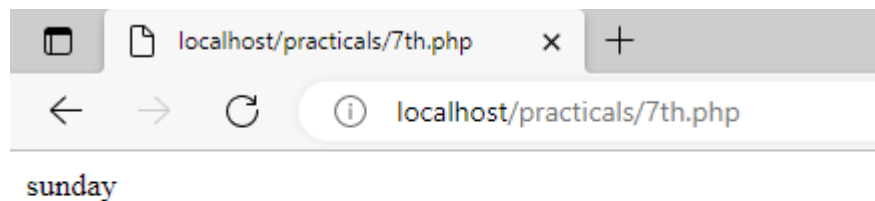
12. Write a PHP program that performs calculator using switch statement

```php
<?php

$a = 3;
$b=34;
$c=99;
echo "Value of variables are $c and $b <br>";
switch ($a) {
    case '1':
        echo "Summetion is ". $c+$b;
        break;
        case '2':

            echo "Substraction is ". $b-$c;
            break;case '3':

                echo "Multiplication is ". $c*$b;
                break;

    default:
        echo "Division is ". $b/$c;

        break;
}
?>
```

Output:

Value of variables are 99 and 34
Multiplication is 3366
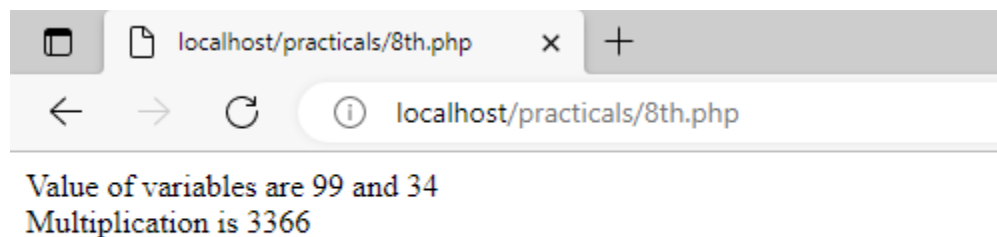
13. Write a PHP program to find the factorial of a number using for loop.

```php
<?php

$num = 4;
$factorial = 1;

for ($x=$num; $x>=1; $x--)
{
  $factorial = $factorial * $x;
}

echo "Factorial of $num is $factorial";

?>
```

Output:

Factorial of 4 is 24
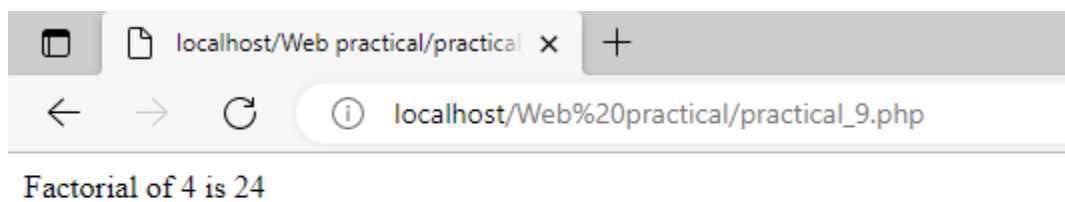
14. write a PHP program to print the following pattern
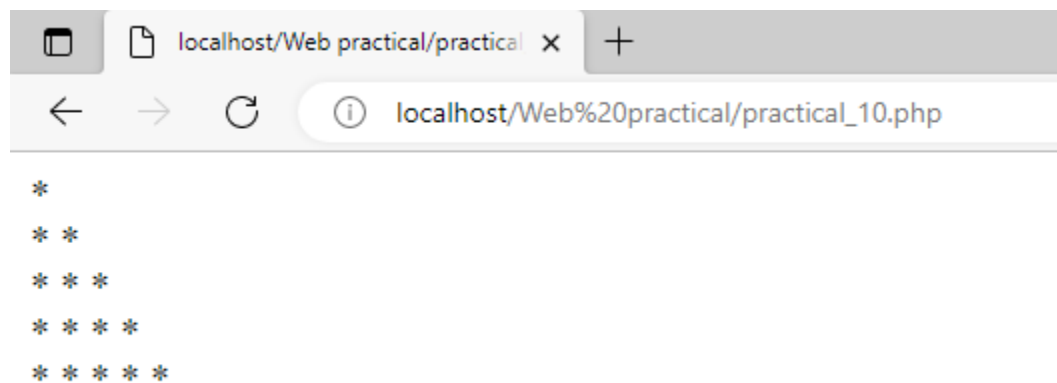
```php
<?php

function pypart($n)
{

    for ($i = 0; $i < $n; $i++)
    {

        for($j = 0; $j <= $i; $j++ )
        {
            echo "* ";
        }

        echo "\n";
    }
}

$n = 5;
pypart($n);

?>
```

Output:

```
*
* *
* * *
* * * *
* * * * *
```

15. Write a PHP program to check whether the number is positive, negative or zero.

```php
<?php
$number = 324;
if ($number > 0)
{
    echo $number . " is a positive number";
} else if ($number < 0)
{
    echo $number . " is a negative number ";
} else if ($number == 0)
{
    echo "You have entered zero";
} else {
    echo " please enter a numeric value";
}
?>
```

Output:

localhost/Web practical/practical ×   +

←   →   C   ⓘ localhost/Web%20practical/practical_11.php

324 is a positive number
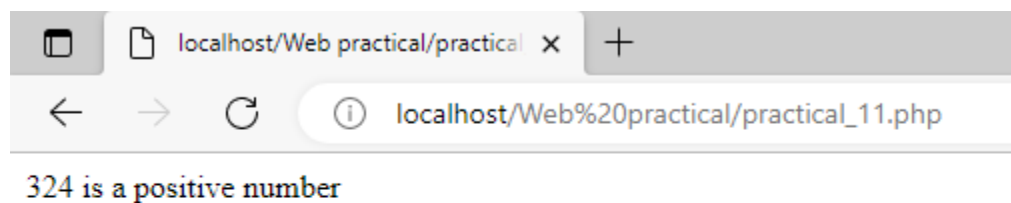
16. Write a PHP program to find the length of string and reverse the string.

```php
<?php
$str = "Tutorials Class";
echo strlen($str);

function Reverse($str){
    return strrev($str);
}
echo Reverse($str)
?>
```

Output:

15
ssalC slairotuT
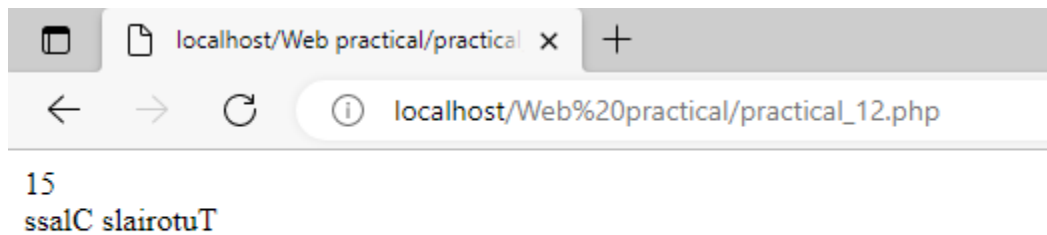
17. Write a PHP program to print the Fibonacci series.

```php
<?php
$num = 0;
$n1 = 0;
$n2 = 1;
echo "<h3>Fibonacci series for first 12 numbers: </h3>";
echo "\n";
echo $n1.' '.$n2.' ';
while ($num < 10 )
{
    $n3 = $n2 + $n1;
    echo $n3.' ';
    $n1 = $n2;
    $n2 = $n3;
    $num = $num + 1;
}
?>
```

Output:

localhost/Web practical/practical ×   +

←   →   C   ⓘ   localhost/Web%20practical/practical_13.php

Fibonacci series for first 12 numbers:

0 1 1 2 3 5 8 13 21 34 55 89
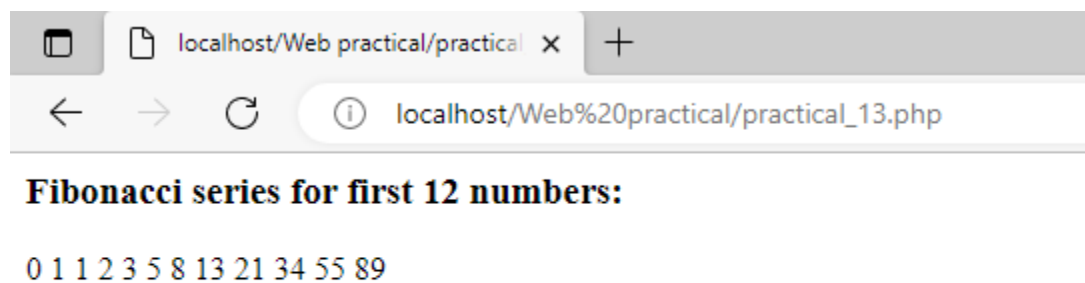
18. Write a PHP program to find the Transpose of a matrix,multiplication of matrix and addition of two matrix.
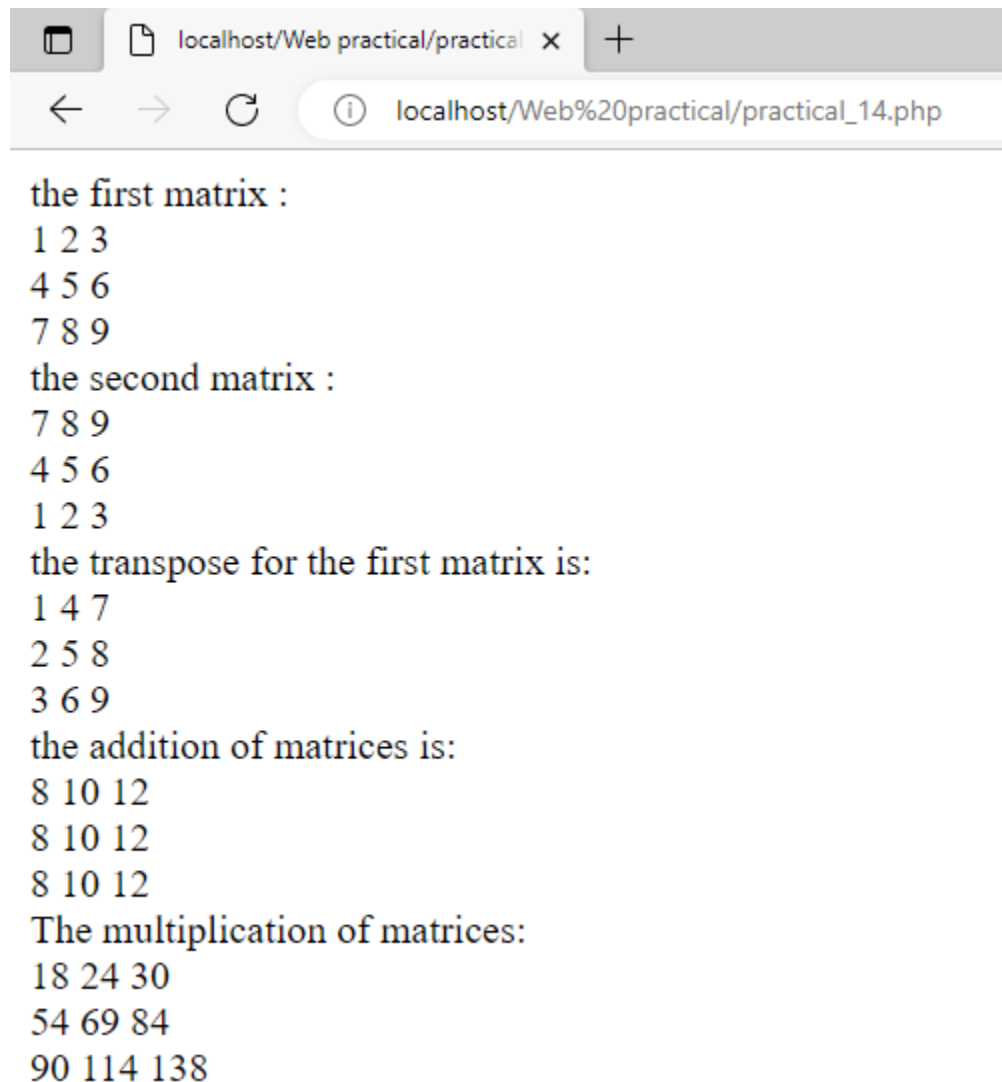
```php
<?php
$a = array(array(1,2,3),array(4,5,6),array(7,8,9));
$b = array(array(7,8,9),array(4,5,6),array(1,2,3));
$m=count($a);
$n=count($a[2]);
$p=count($b);
$q=count($b[2]);
echo "the first matrix :"."<br/>";
for ($row = 0; $row < $m; $row++) {
for ($col = 0; $col < $n; $col++)
echo " ".$a[$row][$col];
echo "<br/>";
}
echo "the second matrix :"."<br/>";
for ($row = 0; $row < $p; $row++) {
for ($col = 0; $col < $q; $col++)
echo " ".$b[$row][$col];
echo "<br/>";
}
echo "the transpose for the first matrix is:"."<br/>";
for ($row = 0; $row < $m; $row++) {
for ($col = 0; $col < $n; $col++)
echo " ".$a[$col][$row];
echo "<br/>";
}
echo "the addition of matrices is:"."<br/>";
for ($row = 0; $row < 3; $row++) {
for ($col = 0; $col < 3; $col++)
echo " ".$a[$row][$col]+$b[$row][$col]." ";
echo "<br/>";
}
echo " The multiplication of matrices: <br/>";
$result=array();
for ($i=0; $i < $m; $i++) {
for($j=0; $j < $q; $j++){
$result[$i][$j] = 0;
for($k=0; $k < $n; $k++)
```

```php
$result[$i][$j] += $a[$i][$k] * $b[$k][$j];
}
}
for ($row = 0; $row < $m; $row++) {
for ($col = 0; $col < $q; $col++){
echo " ".$result[$row][$col];
}
echo "<br/>";
}
?>
```

Output:

the first matrix :
1 2 3
4 5 6
7 8 9
the second matrix :
7 8 9
4 5 6
1 2 3
the transpose for the first matrix is:
1 4 7
2 5 8
3 6 9
the addition of matrices is:
8 10 12
8 10 12
8 10 12
The multiplication of matrices:
18 24 30
54 69 84
90 114 138

19. Write a PHP program to compute the sum of prime numbers less than 100.

```php
<?php
$primes = array();
$is_prime_no = false;
for ($i = 2; $i<100; $i++) {
    $is_prime_no = true;
        for ($j = 2; $j<=($i/2); $j++) {
            if ($i%$j==0) {
                $is_prime_no = false;
                    break;
            }
        }
    if ($is_prime_no) {
        array_push($primes,$i);
    }
    if (count($primes)==100) {
        break;
    }
}
echo array_sum($primes)."\n";
?>
```

Output:

localhost/Web practical/practical × +

← → C ⓘ localhost/Web%20practical/practical_15.php

1060
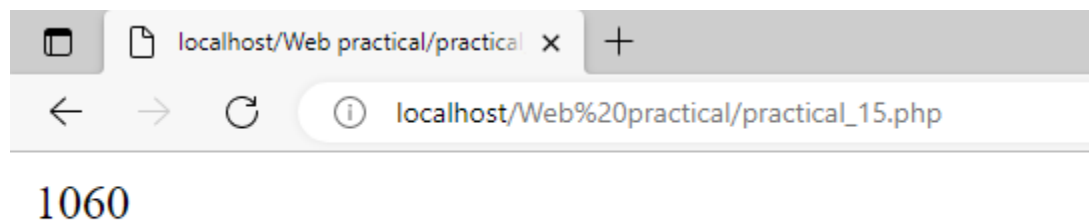
20. Write a PHP Program to extract the username from Email Id.

```php
<?php

$mailid   = 'virat_kohli_18@example.com';
$user = substr($mailid, 0, strrpos($mailid, '@'));
echo "Username: ".$user."\n";

?>
```

Output:

Username: virat_kohli_18
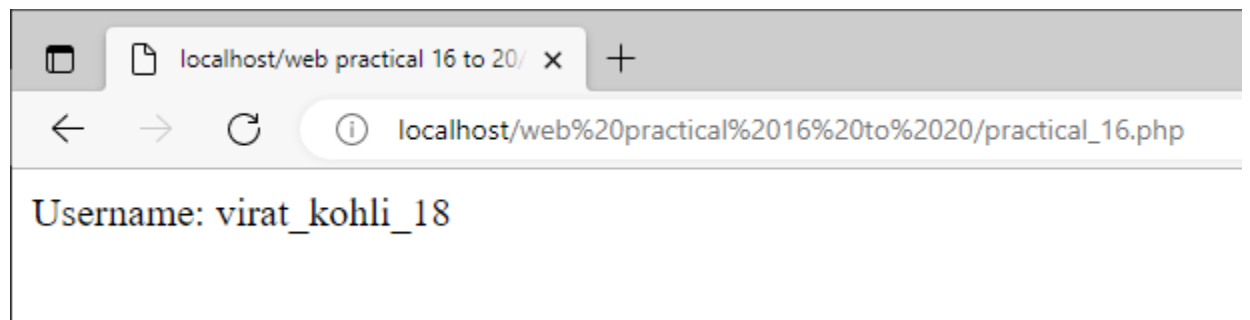
21. Write a PHP Program to check entered email id is valid or invalid.

```php
<?php
$email = "john.doe@example.com";

if (filter_var($email, FILTER_VALIDATE_EMAIL)) {
  echo("$email is a valid email address");
} else {
  echo("$email is not a valid email address");
}
?>
```

Output:

john.doe@example.com is a valid email address
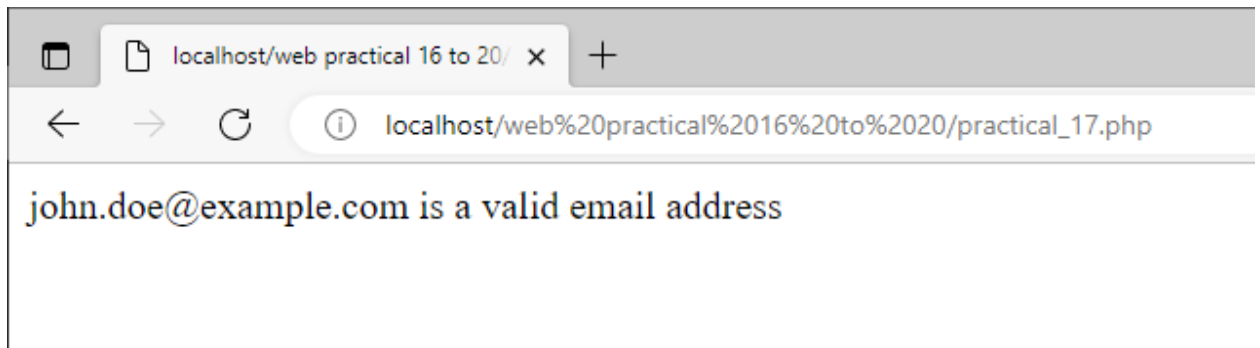
22. Create a form using text box, check box, radio button, select, submit button. And display user inserted value in new PHP page.

```html
<html>
<head>
<title>Registration</title>
<style>
.main
{
 width:30%;
 margin:2em auto;
 border:2px solid black;
 padding:1em;
}
.main input[type="submit"]
{
 width:95%;
 border:1px solid black;
 padding:.5em;
 margin:.5em;
}
.main input[type="password"]
{
 width:95%;
 border:1px solid black;
 padding:.5em;
 margin:.5em;
}
.main input[type="text"],.main input[type="email"]
{
 width:45%;
 border:1px solid black;
 padding:.5em;
 margin:.5em;
}
</style>
</head>
<body>
<div class="main">
```

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

<h2>Student Registration</h2>

 <input type="text" name="fname" placeholder="First Name">
 <input type="text" name="lname" placeholder="Last Name">
 <input type="email" name="email" placeholder="Email">
 <input type="text" name="mobile" placeholder="Mobile">
 <input type="text" name="city" placeholder="City"><br>
<hr>
 Gender<br>
 <input type="radio" name="gender" value="Male">Male<br>
 <input type="radio" name="gender" value="female">Female<br>
<hr>
 Hobbies<br>
 <input type="checkbox" name="hobby[]" value="Cricket">Cricket<br>
 <input type="checkbox" name="hobby[]"
value="Football">Football<br>
 <input type="checkbox" name="hobby[ ]" value="Chess">Chess<br>
<hr>
 <input type="Password" name="pass" placeholder="Password"><br>
 <input type="submit" name="submit" value="Register">
</form>
</div>
</body>
</html>

<?php
 if(isset($_POST['submit']))
 {
 $fn=$_POST['fname'];
 $ln=$_POST['lname'];
 $em=$_POST['email'];
 $mob=$_POST['mobile'];
 $city=$_POST['city'];
 $gender=$_POST['gender'];
 $hobies=$_POST['hobby'];
 $pass=$_POST['pass'];
```

```php
echo "First name : $fn <br><br>";
echo "Last name : $ln <br><br>";
echo "Email : $em <br><br>";
echo "Mobile : $mob <br><br>";
echo "City : $city <br><br>";
echo "Gender : $gender <br><br>";

echo "<h3>Hobbies</h3>";

$i=0;

while($i<sizeof($hobies))
{
 echo $hobies[$i]."<br>";

 $i++;
}
?>
```

Output:

23. Prepare a PHP Code to read and write content from File

```php
<?php
$file_handle = fopen('tmp.txt', 'a+');
fwrite($file_handle, 'Tuts+ is a great online resource to learn
skills you want!');
fwrite($file_handle, "\n");
fwrite($file_handle, 'Visit tutsplus.com to know more!');
fclose($file_handle);

$file_handle = fopen('tmp.txt', 'r');
$contents = fread($file_handle, filesize('tmp.txt'));
fclose($file_handle);

echo $contents;
?>
```

Output:

Tuts+ is a great online resource to learn skills you want! Visit tutsplus.com to know more!Tuts+ is a great online resource to learn skills you want! Visit tutsplus.com to know more!Tuts+ is a great online resource to learn skills you want! Visit tutsplus.com to know more!
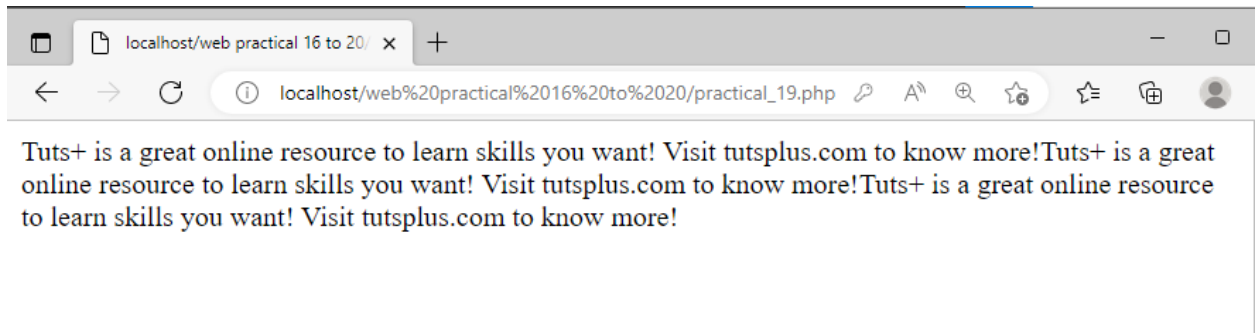
24. Design webpage to detect the visitor's browser name and its version.

```php
<?php
  echo $_SERVER['HTTP_USER_AGENT'];

  $mybrowser = get_browser();
  print_r($mybrowser);
?>
```

Output:
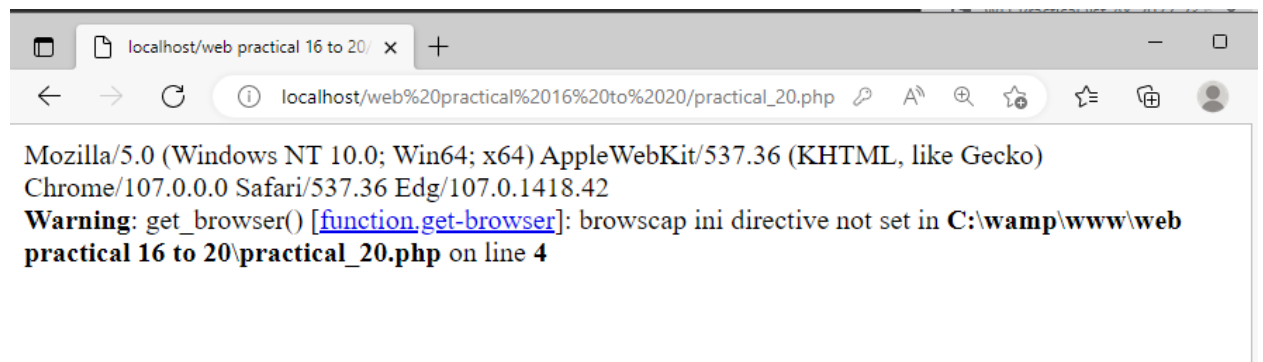
Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/107.0.0.0 Safari/537.36 Edg/107.0.1418.42
Warning: get_browser() [function.get-browser]: browscap ini directive not set in **C:\wamp\www\web practical 16 to 20\practical_20.php** on line **4**

25. Write a PHP script to display the content of the file and display the total number of lines,words and characters.

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Practical 21</title>
</head>
<body>
<?php
$myfile = fopen("read_file.txt", "r") or die("Unable to open file!");
$lines = file("read_file.txt");
$count=0;
$linesno = count($lines);
$wordcount = 0;
$charcount = 0;

foreach($lines as $line){
    $count += 1;
    $wordcount += str_word_count($line);
    $charcount += strlen($line);
    echo($line."<br>");
}


echo "<br><br>Lines: ".$linesno."<br>";
echo "Words: ".$wordcount."<br>";
echo "Characters: ".$charcount."<br>";
?>
</body>
</html>
```

Output:

This is text file
Practical 21
In subject
Web development

Lines: 4
Words: 9
Characters: 60
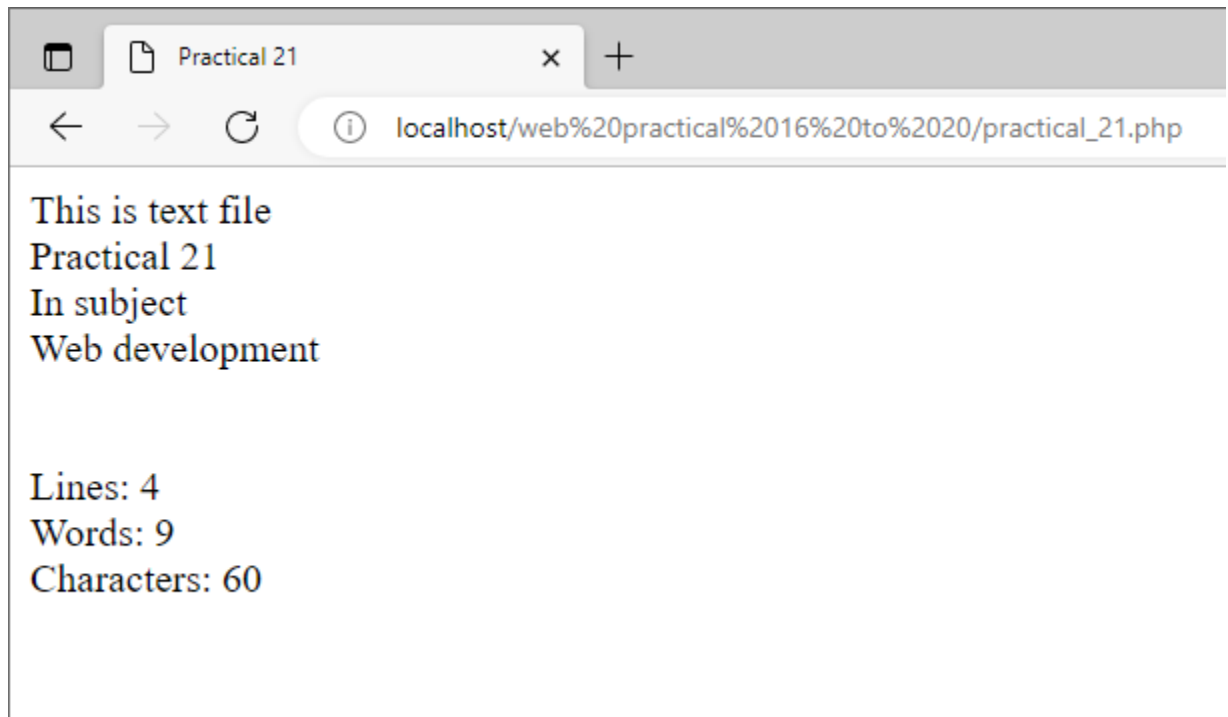
26. Write a PHP script to display the content of the file and display the total number of lines,words and characters.

```php
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>Document</title>
</head>
<body>
    <?php
        $file1 = file("read_file.txt");
        $file2 = fopen("write_file.txt","w");
        // $file1size = filesize("read_file.txt");

        echo "Original File<br>";
        foreach($file1 as $line){
            echo $line."<br>";
            fwrite($file2, $line);
        }

        $file2 = file("write_file.txt");
        echo "<br>Copied File<br>";
        foreach($file2 as $line){
            echo $line."<br>";
        }
    ?>
</body>
</html>
```

Output:

Document   ×   +

← → C   ⓘ   localhost/web%20practical%2016%20to%2020/practical_22.php

Original File
This is text file
Practical 21
In subject
Web development

Copied File
This is text file
Practical 21
In subject
Web development
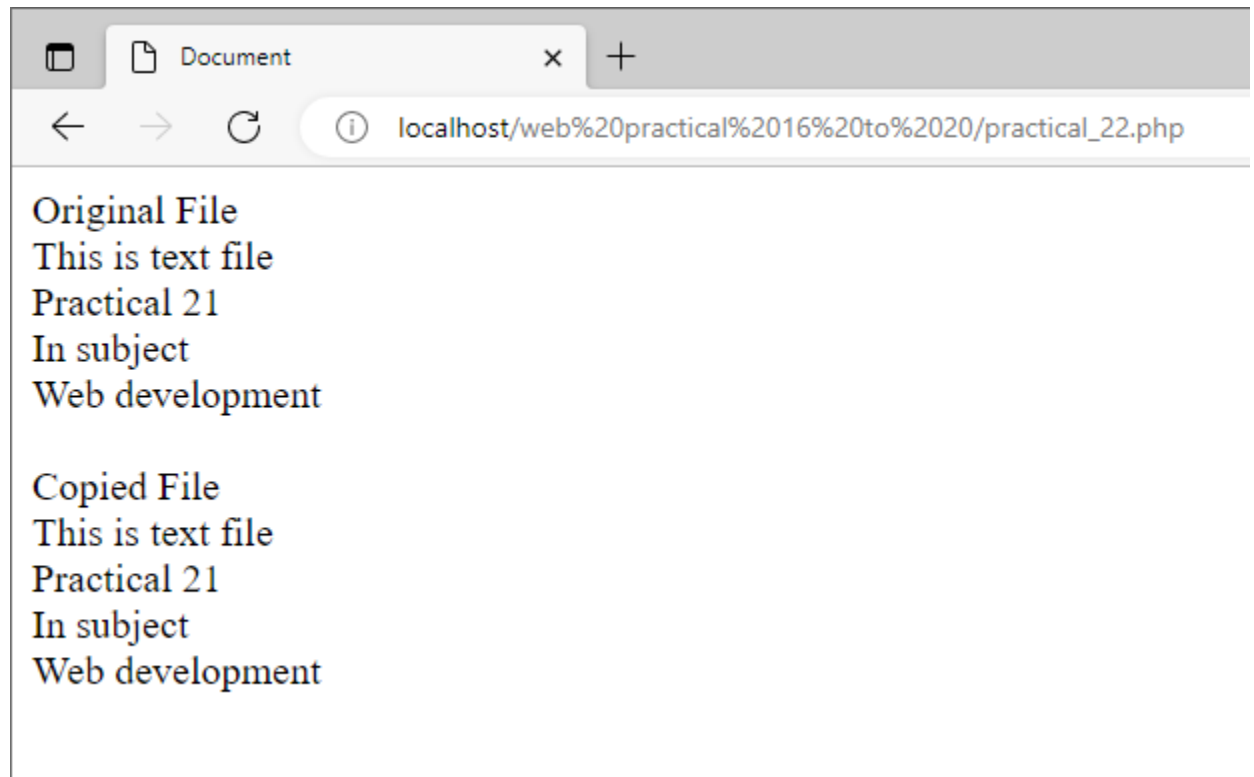
27. Write a PHP Program that redirect your page to another page(i.e. redirect on google.com)

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>Document</title>
</head>
<body>
    <?php
        header("Location: https://scet.ac.in");
    ?>
</body>
</html>
```
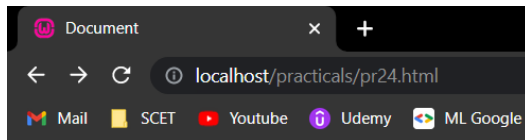
Output:
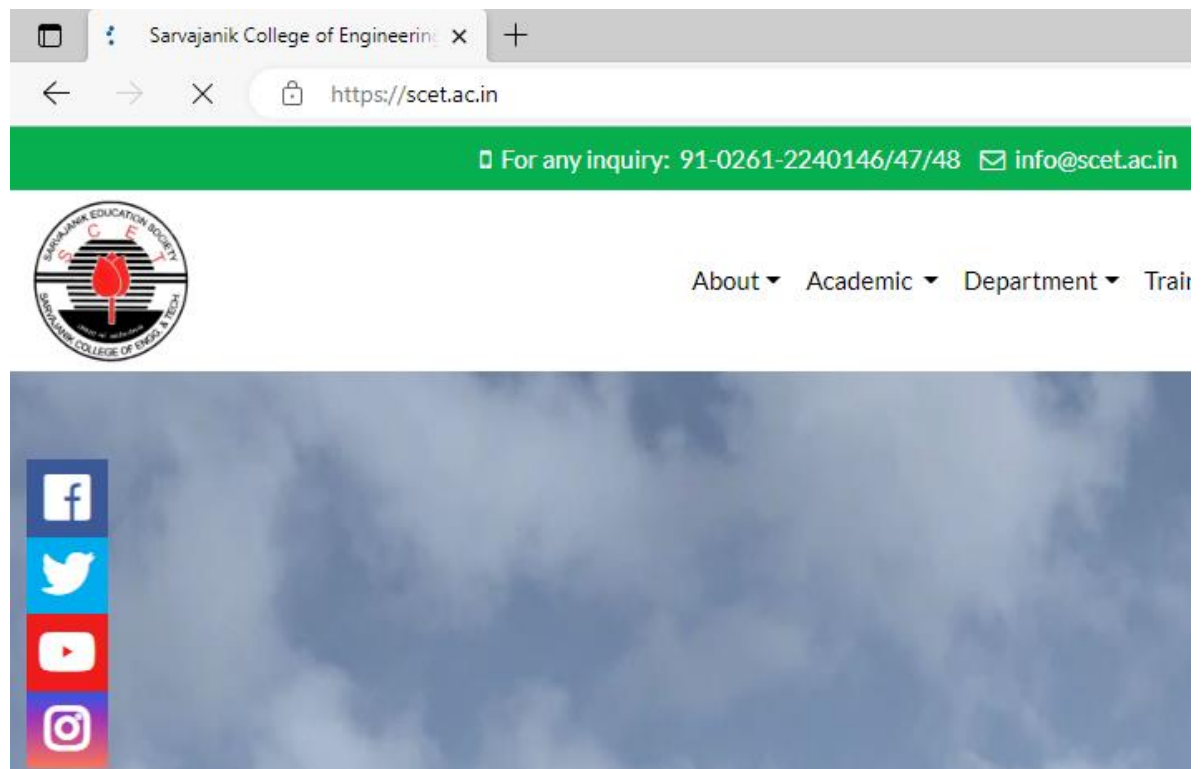
28. Design an HTML form (stu.html) that asks for student details like username, password, email id, enrollment no, year, semester, branch and year of admission. Display all information filled up by the user on the next PHP page (stu2.php).

form

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
</head>
<body>
    <form action="pr24.php" method="post">
    <br>
    <label for="name">Enter UserName : </label>
    <input type="text" name="name" id="name">
    <br>
    <br>
    <label for="pwd">Enter Password : </label>
    <input type="password" name="pwd" id="pwd">
    <br>
    <br>
    <label for="email">Enter Email ID :</label>
    <input type="text" name="email" id="email">
    <br>
    <br>
    <label for="enroll">Enter Enrollment Number : </label>
    <input type="text" name="enroll" id="enroll">
    <br>
    <br>
    <label for="year">Enter year : </label>
    <select name="year">
        <option value="1st">1st</option>
        <option value="2nd">2nd</option>
        <option value="3rd">3rd</option>
        <option value="4th">4th</option>
    </select>
```
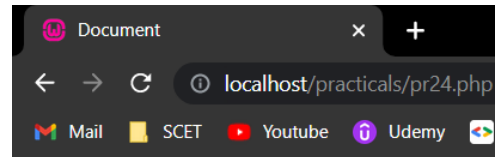
```html
    <br>
    <br>
    <label for="sem">Enter Semester : </label>
    <select name="sem">
        <option value="1st">1st</option>
        <option value="2nd">2nd</option>
        <option value="3rd">3rd</option>
        <option value="4th">4th</option>
        <option value="5th">5th</option>
        <option value="6th">6th</option>
        <option value="7th">7th</option>
        <option value="8th">8th</option>
    </select>
    <br>
    <br>
    <label for="branch">Enter Branch : </label>
    <select name="branch">
        <option value="Mechanical">Mechanical</option>
        <option value="Electrical">Electrical</option>
        <option value="Chemical">Chemical</option>
        <option value="Computer">Computer</option>
        <option value="Information Technology">Information
Technology</option>
        <option value="Instrumentation and Control">Instrumentation
and Control</option>
    </select>
    <br>
    <br>
    <label for="yod">Enter Year of Admission : </label>
    <select name="yod">
        <option value="2015">2015</option>
        <option value="2016">2016</option>
        <option value="2017">2017</option>
        <option value="2018">2018</option>
        <option value="2019">2019</option>
        <option value="2020">2020</option>
        <option value="2021">2021</option>
        <option value="2022">2022</option>
    </select>
    <br>
```

```html
        <br>
        <button type="submit" name="submit" id="submit">Submit</button>
        </form>
</body>
</html>
```

php

```php
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
</head>
<body>
    <?php
    if(isset($_POST)){
        echo "Name : ".$_POST['name']."<br>";
        echo "Password : ".$_POST['pwd']."<br>";
        echo "Email ID : ".$_POST['email']."<br>";
        echo "Enrollment Number : ".$_POST['enroll']."<br>";
        echo "Year : ".$_POST['year']."<br>";
        echo "Semester : ".$_POST['sem']."<br>";
        echo "Branch : ".$_POST['branch']."<br>";
        echo "Academic Year : ".$_POST['yod']."<br>";
    }
    ?>
</body>
</html>
```
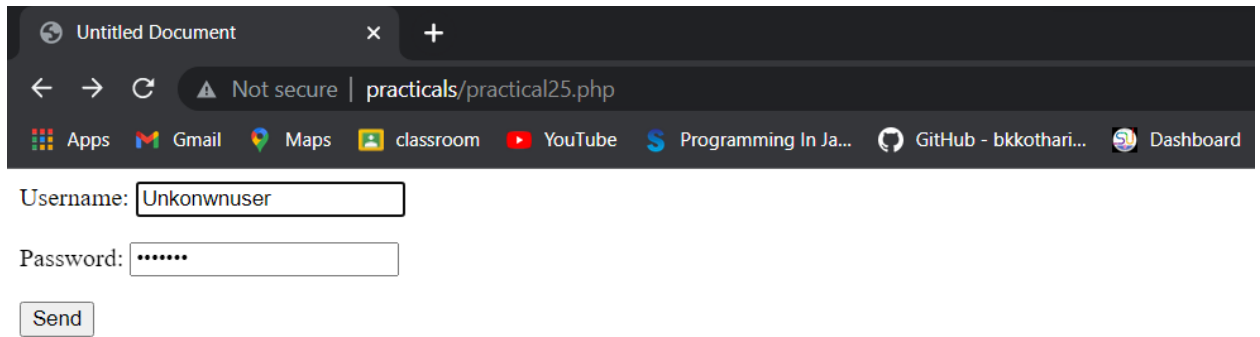
29. Design a PHP script that takes user name and password as input and store it into cookies. Display the cookie information on the same page.

```php
<?php
if(isset($_POST['submit'])){
$fname =  $_POST['user'];
$lname = $_POST['password'];

if( ( $fname != null ) and ( $lname != null ) )
{
  setcookie( "user", $fname, time() + 36000 );
  setcookie( "password", $lname, time() + 36000 );
}

echo "cookie ". $_COOKIE['user']."<BR>";
echo "cookie ". $_COOKIE['password']."<BR>";
}
?>

<html>
<head>
<title>Untitled Document</title>
<meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1">
</head>

<body>

<form method="post" action="">
<p>Username: <input type="text" name="user" id="user" value="<?php
if(isset($_COOKIE['user'])){echo $_COOKIE['user'];} else {echo "";}
?>"/></p>
<p>Password: <input type="password" name="password" id="password"
value="<?php if(isset($_COOKIE['password'])){echo
$_COOKIE['password'];} else {echo "";} ?>"/></p>

<input type="submit" name="submit" value="Send">
</body>
</html>
```
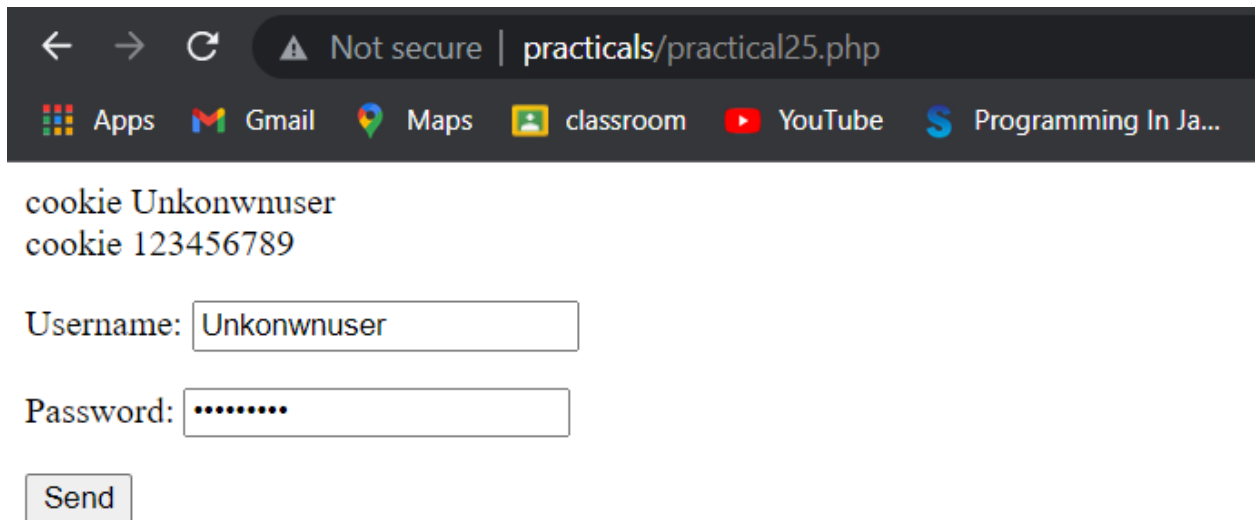
30. Design a PHP page that takes user name and password as input and store them in a session. Display the session information on the next page.

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>Document</title>
</head>
<body>
    <form action="display.php" target="_blank" method="post">
        <lable for="user">USER NAME :</lable>
        <input type="text" name="user">
        <lable for="pass">PASSWORD :</lable>
        <input type="password" name="password">
        <input type="submit">
    </form>

</body>
</html>
```
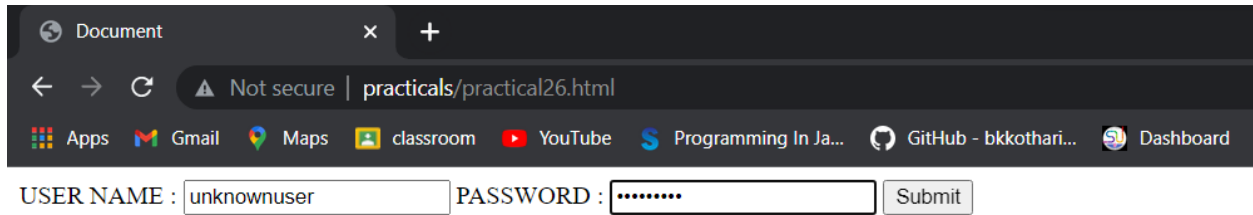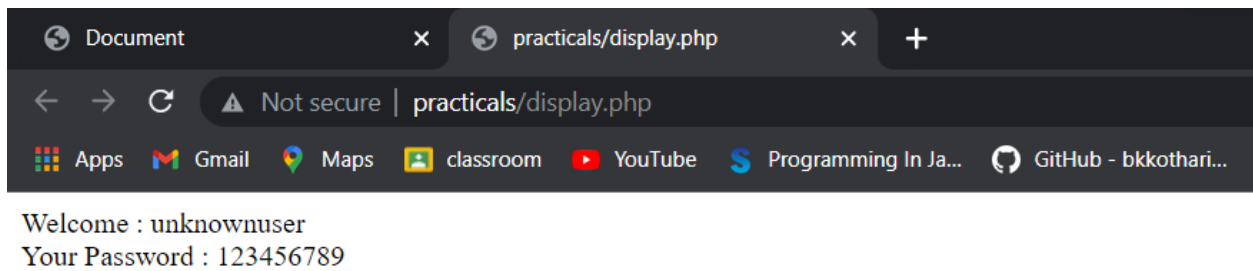
```php
<?php
    session_start();

    $username = $_POST["user"];
    $password = $_POST["password"];

    $_SESSION["USER"] = $username;
    $_SESSION["PASS"] = $password;

    echo "Welcome : " .$_SESSION['USER'];
    echo "<br>";
    echo "Your Password : " .$_SESSION['PASS'];
?>
```

Output:

Welcome : unknownuser
Your Password : 123456789

31. Prepare a PHP Code to manage online shopping cart using session.

```html
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta http-equiv="X-UA-Compatible" content="IE=edge" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0"
/>
    <title>Shopping Cart</title>
    <style>
      .products {
        display: flex;
        justify-content: space-between;
        padding: 20px;
      }

      .product {
        display: flex;
        flex-direction: column;
        align-items: flex-start;
      }

      .product input {
        width: 40px;
      }

      .product label {
        display: inline;
      }

      .product > * {
        margin: 3px 0;
      }

      .total{
        text-align:right;
        font-weight: bold;
      }
    </style>
```

```php
    </head>
    <body>
      <?php
        session_start();
        if(!isset($_SESSION['cart'])){
          $_SESSION['cart'] = array();
        }
      ?>


      <?php
        if(isset($_POST)){
          if($_POST['clear'] != 'true'){
            if(!array_key_exists($_POST['name'], $_SESSION['cart']) &&
$_POST['quantity'] > 0){
                // $_SESSION['cart'][$_POST['name']] = $_POST;
                $_SESSION['cart'] += [$_POST['name'] => $_POST];
            } elseif (array_key_exists($_POST['name'], $_SESSION['cart'])){
              if($_POST['quantity'] < 0){
                unset($_SESSION['cart'][$_POST['name']]);
              } else{
                $_SESSION['cart'][$_POST['name']] = $_POST;
              }
            }
          } else if ($_POST['clear'] == true){
            unset($_SESSION['cart']);
          }
        }
      ?>


      <div class="products">
        <form class="product" action="<?php $_SERVER['PHP_SELF']?>"
method="POST">
          <h1 name="product_name">Textbook</h1>
          <input type="hidden" name="name" value="textbook"/>
          <p name="price">$10</p>
          <input type="hidden" name="price" value="10"/>
          <label for="quantity">quantity</label>
          <input type="number" name="quantity" value="0" />
          <input type="hidden" name="clear" value="false"/>
          <button >Add to cart</button>
```

```html
      </form>
      <form class="product" action="<?php $_SERVER['PHP_SELF']?>"
method="POST">
        <h1 name="product_name">Bag</h1>
        <input type="hidden" name="name" value="bag"/>
        <p name="price">$50</p>
        <input type="hidden" name="price" value="50"/>
        <label for="quantity">quantity</label>
        <input type="number" name="quantity" value="0" />
        <input type="hidden" name="clear" value="false"/>
        <button>Add to cart</button>
      </form>
      <form class="product" action="<?php $_SERVER['PHP_SELF']?>"
method="POST">
        <h1 name="product_name">File</h1>
        <input type="hidden" name="name" value="file"/>
        <p name="price">$5</p>
        <input type="hidden" name="price" value="5"/>
        <label for="quantity">quantity</label>
        <input type="number" name="quantity" value="0" />
        <input type="hidden" name="clear" value="false"/>
        <button>Add to cart</button>
      </form>
      <form class="product" action="<?php $_SERVER['PHP_SELF']?>"
method="POST">
        <h1 name="product_name">Pen</h1>
        <input type="hidden" name="name" value="pen"/>
        <p name="price">$1</p>
        <input type="hidden" name="price" value="1"/>
        <label for="quantity">quantity</label>
        <input type="number" name="quantity" value="0" />
        <input type="hidden" name="clear" value="false"/>
        <button>Add to cart</button>
      </form>
    </div>
    <h1>Cart</h1>
    <table border="solid">
      <tr>
        <th>Item</th>
        <th>Quantity</th>
```

```php
        <th>Price</th>
        <th>Amount</th>
      </tr>

      <?php
      if(isset($_SESSION['cart'])){
        $total = 0;
        foreach($_SESSION['cart'] as $key => $value){
          if($value['quantity'] == 0){
            continue;
          }
          $total += $value['price']*$value['quantity'];
          echo "<tr>";
            echo "<td>".$value['name']."</td>";
            echo "<td>".$value['quantity']."</td>";
            echo "<td>".$value['price']."</td>";
            echo "<td>".$value['price']*$value['quantity']."</td>";
          echo "</tr>";
        }
        echo('<tr class="total">'."<td
colspan=4>Total:".$total."</td>".'</tr>');
      }
      ?>
      </table>
      <form action="<?php $_SERVER['PHP_SELF']?>" method="post">
      <input type="hidden" name="clear" value="true"/>
      <button type="submit">Clear cart</button>
    </form>
  </body>
</html>
```

Textbook

$10

quantity

| 0 |

Add to cart

Bag

$50

quantity

| 0 |

Add to cart

File

$5

quantity

| 0 |

Add to cart

Pen

$1

quantity

| 0 |

Add to cart

Cart

Item	Quantity	Price	Amount
textbook	2	10	20
			Total:20

Clear cart

Textbook

$10

quantity

| 0 |

Add to cart

Bag

$50

quantity

| 0 |

Add to cart

File

$5

quantity

| 0 |

Add to cart

Pen

$1

quantity

| 0 |

Add to cart

Cart

Item	Quantity	Price	Amount
textbook	2	10	20
bag	4	50	200
file	2	5	10
			Total:230

Clear cart

Textbook

$10

quantity

| 0 |

Add to cart

Bag

$50

quantity

| 0 |

Add to cart

File

$5

quantity

| 0 |

Add to cart

Pen

$1

quantity

| 0 |

Add to cart

Cart

Item	Quantity	Price	Amount
textbook	2	10	20
file	2	5	10
			Total:30

Clear cart

32. Develop a PHP Code which reads employee code, year and month. On submit button press, it generates a salary slip for that month-year for that employee.

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Employee</title>
    <style>
        .slip{
            border: 10px double black;
            height:20vh;
            width:50%;
            padding: 5px;
            margin-top:100px;
        }

        h1{
            margin:0;
            margin-bottom:20px;
        }

        td{
            min-width: 100px;
        }
    </style>
</head>
<body>
    <form method="get" action="<?php $_SERVER['PHP_SELF']?>">
        <h3>Enter your employee code</h3>
        <input type="number" name="code" value="0"/>
        <button type="submit">Enter</button>
    </form>
    <?php
        $host = 'localhost';
        $user = 'root';
```
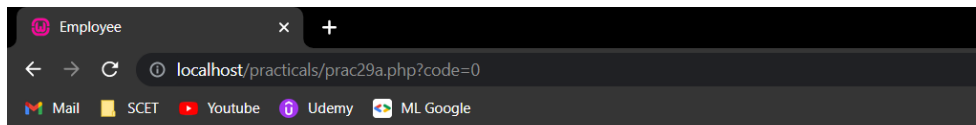
```php
        $pass = '';
        $db = 'practicals';

        $con = new mysqli($host, $user,$pass, $db);
        if(isset($_GET)){
            $query = 'select * from employee where
code='.$_GET['code'];
            $result = mysqli_query($con, $query);
        }
    ?>
    <div class='slip'>
        <h1>Salary slip</h1>
        <table>
            <?php
                while($arr = mysqli_fetch_array($result)){
                    echo"<tr>
                        <td>Employee name: </td>
                        <td>".$arr['name']."</td>
                    </tr>
                    <tr>
                        <td>Salary month: </td>
                        <td>".$arr['month']."</td>
                    </tr>
                    <tr>
                        <td>Salary year: </td>
                        <td>".$arr['year']."</td>
                    </tr>";
                };
            ?>
        </table>
    </div>
</body>
</html>
```
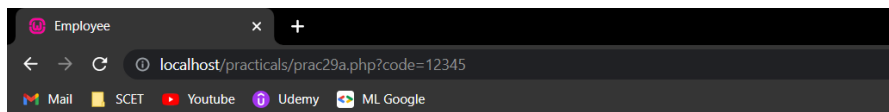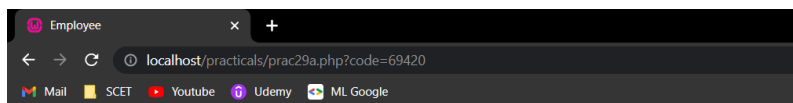
				code	name	year	month
☐	🖉 Edit	⯂ Copy	⊖ Delete	12345	John Doe	2022	October
☐	🖉 Edit	⯂ Copy	⊖ Delete	42235	Peter Parker	2021	February
☐	🖉 Edit	⯂ Copy	⊖ Delete	69420	Bhagya Patel	2020	November

33. Design a form to fill up Resume details and store in a database. After saving Resume details, users should be able to view, insert, update and delete the information. Changes must be reflected in a database.

form.php

```php
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta http-equiv="X-UA-Compatible" content="IE=edge" />
    <meta name="viewport" content="width=device-width, initial-
scale=1.0" />
    <title>Resume Form</title>
    <style>
      input,
      textarea {
        display: block;
        margin-bottom: 5px;
      }
    </style>
  </head>
  <body>
    <form method="post" action="insert.php">
      <label for="first_name">First name</label>
      <input type="text" name="first_name"  required/>
      <label for="last_name">Last name</label>
      <input type="text" name="last_name"  required/>
      <label for="position">Position</label>
      <input type="text" name="position"  required/>
      <label for="phone">Phone number</label>
      <input type="number" name="phone"  required/>
      <label for="github">Github link</label>
      <input type="text" name="github" required />
      <label for="dob">DOB</label>
      <input type="date" name="dob" required />
      <label for="address">Address</label>
      <textarea type="text" name="address" required></textarea>
      <label for="description">Description</label>
      <textarea type="text" name="description" required></textarea>
      <button type="submit">Submit</button>
```

```html
        </form>

    <form method="get" action="prac30.php">
      <h3>View your resume</h3>
      <label for="first_name">First name</label>
      <input type="text" name="first_name"  required/>
      <label for="last_name">Last name</label>
      <input type="text" name="last_name"  required/>
      <button type="submit">View</button>
    </form>
  </body>
</html>
```

insert.php

```php
<?php
     if(isset($_POST)){
        $data = $_POST;
        $host = 'localhost';
        $user = 'root';
        $pass = '';
        $db = 'practicals';

        $con = new mysqli($host, $user,$pass, $db);
          $query = "insert into resume (first_name, last_name,
position, phone, github, dob, address, description) values

(\"".$data['first_name']."\",\"".$data['last_name']."\",\"".$data['p
osition']."\","

.$data['phone'].",\"".$data['github']."\",\"".$data['dob']."\",\"".$
data['address']
          ."\",\"".$data['description']."\")";
        if(mysqli_query($con, $query)){
          echo "Inserted successfully";
        } else{
          echo "Insertion error - ".mysqli_error($con);
        }

     }
    ?>
```

prac30.php

```php
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Resume form</title>
    <style>
        *{
            padding:0;
            margin:0;
            box-sizing: border-box;
        }

        .img{
            position:absolute;
            top:0;
            right:20px;
            background-color: #999;
            border-radius: 50%;
            width: 150px;
            height:150px;
        }

        .resume{
            width:50vw;
            border: 5px double black;
            min-height:80vh;
            margin: 0 auto;
            margin-top: 20px;
            padding: 20px;
            padding-top:0;
            display: flex;
            flex-direction:column;
            gap: 5px;
            position: relative;
        }
```

```css
        @media (max-width:1024px){
            .resume{
                width:80vw;
            }
        }

        h1{
            margin:0;
        }


        .position{
            font-size:18px;
            text-decoration:underline;
        }

        a{
            display:block;
        }

        .address{
            max-width:25%;
        }

        div, h2{
            margin-top:20px;
        }

        li{
            margin-left:20px;
        }

        .query{
            min-width:100vw;
        }

    </style>
</head>
<body>
```

```php
        <?php
            if(isset($_GET)){
                $data = $_POST;
                $host = 'localhost';
                $user = 'root';
                $pass = '';
                $db = 'practicals';

                $con = new mysqli($host, $user,$pass, $db);
                $query = "SELECT * from resume WHERE first_name =
\"".$_GET['first_name']."\" AND last_name =
\"".$_GET['last_name']."\"";

                $result = mysqli_query($con, $query);



                if($result->num_rows > 0){
                    while($row = $result->fetch_assoc()) {
                        $first_name = $row['first_name'];
                        $last_name = $row['last_name'];
                        $position = $row['position'];
                        $phone = $row['phone'];
                        $github = $row['github'];
                        $dob = $row['dob'];
                        $address = $row['address'];
                        $description = $row['description'];
                    }
                } else{
                    echo "Fetch error - ".mysqli_error($con);
                }

            }
        ?>

    <div class="resume">
        <h2>Resume</h2>
        <div class="img"></div>
        <h1 class="name"><span class="firstname"><?php echo
$first_name;?></span> <span class="lastname"><?php echo
```

```php
$last_name;?></span>        <span class="position"><?php echo
$position;?></span></h1>
        <a class="phone" href="tel:909876552">+<?php echo
$phone;?></a>
        <a class="git" href="github"><?php echo $github;?></a>
        <div class="address"><?php echo $address;?></div>
        <div class="description"><?php echo $description;?></div>
        <h2>Skills</h2>
        <ul>
            <li>Skill 1</li>
            <li>Skill 2</li>
            <li>Skill 3</li>
        </ul>
        <h2>Hobbies</h2>
        <ul>
            <li>Hobby 1</li>
            <li>Hobby 2</li>
        </ul>
        <h2>Languages</h2>
        <ul>
            <li>Primary Language</li>
            <li>Secondary Language</li>
        </ul>
    </div>
        </div>

    <div>
        <h1>Enter Query</h1>
        <form method="query.php" action="post">
            <input type="text" name="query" class="query"/>
            <button type="submit">Update/Delete</button>
        </form>
    <div>
</body>
</html>
```

post.php

```php
<?php
    if(isset($_POST)){
        $host = 'localhost';
```

```php
        $user = 'root';
        $pass = '';
        $db = 'practicals';


        $con = new mysqli($host, $user,$pass, $db);
        $query = $_GET['query'];

          if(mysqli_query($con, $query)){
            echo "Run successfully";
          } else{
            echo "Run error - ".mysqli_error($con);
          }

        }
?>
```

Output

Enter Query

update resume set phone=9953639701 where first_name="Walter"

Update/Delete

Run successfully

#	Name	Type
1	first_name	text
2	last_name	text
3	position	text
4	phone	varchar(10)
5	github	text
6	dob	date
7	address	text
8	description	text

Database structure -