```php
<?php
echo "hello world";
?>
```

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/water.css@2/out/water.cs
s"> <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
</head>
<body>
    <form action="PR_2-1.php" method="post">
        <input type="text" placeholder="name" name="name">
        <input type="text" name="email" placeholder="email" id="">
        <input type="text" name="enroll" placeholder="enrollment no" id="">
        <input type="text" name="dept" placeholder="department">
        <input type="text" name="semester" placeholder="semester">
        <input type="submit">
    </form>
</body>
</html>
```

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/water.css@2/out/water.cs
s"> <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
</head>
<body>
    <form action="PR_3-1.php" method="post">
        <select name="op">
            <option value="add">addition (+)</option>
            <option value="sub">subtraction (-)</option>
            <option value="div">division (/)</option>
            <option value="mul">multiplication (*)</option>
        </select>
        <input type="text" name="a" id="" placeholder="enter a ">
        <input type="text" name="b" placeholder="enter b">
        <input type="submit">
    </form>
</body>
</html>
```

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/water.css@2/out/water.cs
s"> <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>SALARY CALCULATOR</title>
</head>
<body>
    <form action="PR_3-2.php" method="post">
        <label for="basic">Basic Salary :</label>
        <input type="text" name="basic" placeholder="basic pay">
        <input type="submit">
    </form>
</body>
```

```php
<link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/water.css@2/out/water.cs
stitle>Practicaal 3</title>
<?php
$bap=$_POST['basic'];
$da=(50/100)*$bap;
$med=(4/100)*$bap;
$hra=(10/100)*$bap;
$gs=$bap+$da+$hra+$med;
$ins=(7/100)*$gs;
$pf=(5/100)*$gs;
$de=$ins+$pf;
$ns=$gs-$de;
echo '<table>'
    .'<tr><th>NAME</th><th>AMOUNT</th></tr>'
    .'<tr><td>Net salary</td><td>'.$ns.'</td></tr>'
    .'<tr><td>Gross salary</td><td>'.$gs.'</td></tr>'
    .'<tr><td>Deduction</td><td>'.$de.'</td></tr>'
    .'<tr><td>Dearness Allownce</td><td>'.$da.'</td></tr>'
    .'<tr><td>Provinent Fund</td><td>'.$ns.'</td></tr>'
    .'</table>';
?>
```

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/water.css@2/out/water.cs
s"> <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Practical 4.1</title>
</head>
<body>
    <form action="PR_4-1.php" method="post">
        <label for="car name">Car Name:</label>
        <input type="text" name="car" placeholder="Car name">
        <input type="submit">
    </form>
</body>
</html>
```

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/water.cs
s"> <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Practical 4.2</title>
</head>
<body>
    <form action="PR_4-2.php" method="post">
        <label for="car name">Marks 1:</label>
        <input type="text" name="mark1" placeholder="Mark1">
        <label for="car name">Marks 2:</label>
        <input type="text" name="mark2" placeholder="Mark2">
        <label for="car name">Marks 3:</label>
        <input type="text" name="mark3" placeholder="Mark3">
        <label for="car name">Marks 4:</label>
        <input type="text" name="mark4" placeholder="Mark4">
        <input type="submit">
    </form>
</body>
</html>
```

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/water.css@2/out/water.cs
s"> <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Practical 4.3</title>
</head>
<body>
    <form action="PR_4-4.php" method="post">
        <label for="n">N number:</label>
        <input type="number" name="n" placeholder="n number">
        <input type="submit">
    </form>
</body>
</html>
```

```php
<?php
$a = 0;
$b = 1;
$n=$_POST['n'];
echo "<ul>";
for($i=1;$i<=10;$i++){
    echo "<li>".$n."*".$i."=".$n*$i."</li>";
    }
echo "</ul>";
?>
<link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/water.css@2/out/water.cs
s">
```

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/water.css@2/out/water.cs
s"> <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Practical 4.3</title>
</head>
<body>
    <form action="PR_4-3.php" method="post">
        <label for="n">N number:</label>
        <input type="number" name="n" placeholder="n number">
        <input type="submit">
    </form>
</body>
</html>
```

```php
<?php

echo "name :".$_POST['name']."<br>";
echo "enrollment :".$_POST['enroll']."<br>";
echo "semester :".$_POST['semester']."<br>";
echo "email :".$_POST['email']."<br>";
echo "department :".$_POST['dept']."<br>";

?>
<link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/water.css@2/out/water.cs
s">
```

```php
<link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/water.css@2/out/water.cs
s?php

$carname=$_POST['car'];
$carlist=[
    "tata"=>array("Safari", "Nexon", "Tigor", "Tiago"),
    "mahindra"=>array("XUV700", "XUV300", "Bolero"),
    "hyundai"=>array("i20", "Verna", "Venue", "Creta"),
    "Suzuki"=>array("Swift", "Alto", "Baleno", "Brezza")
];
if(in_array($carname,$carlist['Suzuki'])){
    echo "<h1>CAR COMPANY :Suzuki</h1>";
}elseif(in_array($carname,$carlist['mahindra'])){
    echo "<h1>CAR COMPANY :Mahindra</h1>";
}elseif(in_array($carname,$carlist['tata'])){
    echo "<h1>CAR COMPANY :Tata</h1>";
}elseif(in_array($carname,$carlist['hyundai'])){
    echo "<h1>CAR COMPANY :Hyudai</h1>";
}else{
    echo "<h1>ANY OTHER COMPANY</h1>";
}
?>
```

```php
<?php
$result=0;
function grade($marks){
    global $result;
    if($marks>=85 && $marks<=100){
        return "AA";
    }elseif($marks>=75 && $marks<=84){
        return "AB";
    }elseif($marks>=65 && $marks<=74){
        return "BB";
    }elseif($marks>=55 && $marks<=64){
        return "BC";
    }elseif($marks>=45 && $marks<=54){
        return "CC";
    }elseif($marks>=40 && $marks<=44){
        return "CD";
    }elseif($marks>=35 && $marks<=39){
        return "DD";
    }else{
        $result=1;
        return "FF";
    }
}
$mark1=$_POST['mark1'];
$mark2=$_POST['mark2'];
$mark3=$_POST['mark3'];
$mark4=$_POST['mark4'];
echo "<table>";
echo "<tr><td>Marks 1</td><td>".grade($mark1)."</td></tr>";
echo "<tr><td>Marks 2</td><td>".grade($mark2)."</td></tr>";
echo "<tr><td>Marks 3</td><td>".grade($mark3)."</td></tr>";
echo "<tr><td>Marks 4</td><td>".grade($mark4)."</td></tr>";
if($result==0){
    echo "<tr><td>PASSED</td></tr>";
}else{
    echo "<tr><td>FAILED</td></tr>";
}
echo "</table>";

?>
<link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/water.css@2/out/water.css">
```

```php

<link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/water.css@2/out/water.css">
s?php
$a = 0;
$b = 1;
$n=$_POST['n'];
echo "<ul>";
for ($i = 2; $i < $n; $i++) {
    $c = $a + $b;
    echo "<li>$c</li>";
    $a = $b;
    $b = $c;
}
echo "</ul>";
?>
```

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/water.css@2/out/water.cs
s"> <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Practical 5.1</title>
</head>
<body>
    <form action="PR_5-1.php">
        <input type="text" placeholder="string" name="string">
        <input type="submit">
    </form>
</body>
</html>
```

```php
<?php
$a=array(9,3,2,4);
$n=count($a);
$i=0;
$k=0;
echo "<ul>";
for($pass=0;$i<$n;$pass++){
    for($i=0;$i<$n-$pass;$i++){
        if($a[$i]>$a[$i+1]){
            $temp=$a[$i];
            $a[$i]=$a[$i+1];
            $a[$i+1]=$temp;
            for($k=0;$k<=$n-1;$k++){
                echo "<li>".$a[$k]."</li
>";          }
        }
    }
}
echo "</ul>";
?>
```

```php
<?php
$matrix1 = array(
    array(1, 2, 3),
    array(4, 5, 6),
    array(7, 8, 9)
);
$matrix2 = array(
    array(9, 8, 7),
    array(6, 5, 4),
    array(3, 2, 1)
);
$resultMatrix = array();
for ($i = 0; $i < 3; $i++) {
    for ($j = 0; $j < 3; $j++) {
        $resultMatrix[$i][$j] = 0;
        for ($k = 0; $k < 3; $k++) {
            $resultMatrix[$i][$j] += $matrix1[$i][$k] * $matrix2[$k][$j];
        }
    }
}
echo "Result Matrix:\n";
for ($i = 0; $i < 3; $i++) {
    for ($j = 0; $j < 3; $j++) {
        echo $resultMatrix[$i][$j] . " ";
    }
    echo "\n";
}
?>
<link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/water.css@2/out/water.cs
s">
```

```php
<?php

// Define a mapping of characters to Morse code
$morseCodeMapping = array(
    'A' => '.-', 'B' => '-...', 'C' => '-.-.', 'D' => '-..', 'E' => '.', 'F' => '..-.', 'G' => '--.', 'H' =>
'....','I' => '..', 'J' => '.---', 'K' => '-.-', 'L' => '.-..', 'M' => '--', 'N' => '-.', 'O' => '---', 'P' => '.--.',
    'Q' => '--.-', 'R' => '.-.', 'S' => '...', 'T' => '-', 'U' => '..-', 'V' => '...-', 'W' => '.--', 'X' => '-..-
',  'Y' => '-.--', 'Z' => '--..',
    '0' => '-----', '1' => '.----', '2' => '..---', '3' => '...--', '4' => '....-', '5' => '.....', '6' => '-....',
    '7' => '--...', '8' => '---..', '9' => '----.',
    ' ' => '/'
);
$message = "Hello, World!";
$encodedMessage = '';
$message = strtoupper($message);
for ($i = 0; $i < strlen($message); $i++) {
    $char = $message[$i];
    if (isset($morseCodeMapping[$char])) {
        $encodedMessage .= $morseCodeMapping[$char] . ' ';
    }
}
echo "Original Message: $message\n";
echo "Morse Code: $encodedMessage\n";
?>
```

```php
<?php
$string=$_REQUEST['string'];
$len=0;
$word=0;
$i=0;
while(true){
    $i++;
    if(isset($string[$i])){
        if($string[$i]==" "){
            $word++;
        }
        $len++;
    }else{
        break;
    }
}
echo "STRING LENGTH :".$len."<br>";
echo "NUMBER OF WORDS :".$word."<br>";
?>
<link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/water.css@2/out/water.css">
```

```php
<link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/water.css@2/out/water.css">
s?php
if($_POST['op']==='add'){
    echo "addition :".$_POST['a']+$_POST['b'];
}else if($_POST['op']==='div'){
    if($_POST['b']==0){
        echo "division by zero";
    }else{
        echo "division :".$_POST['a']/$_POST['b'];
    }
}else if($_POST['op']==='mul'){
    echo "multiplication :".$_POST['a']*$_POST['b'];
}else{
    echo "subtraction :".$_POST['a']-$_POST['b'];
}
echo "<li><a href='form.html'>go back</a></li>"
?>
```