

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

<head>
  <title>PHP</title>
</head>

<body>

  <?php
  echo "Hello World!";

  $variable1 = 5;
  $variable2 = 5;
  echo $variable1;
  echo $variable2;

  // Arithmetic Operators
  echo "<br>";
  echo "The Value Of Variable1 + Variable2 is ";
  echo $variable1 + $variable2;
  echo "<br>";
  echo "The Value Of Variable1 - Variable2 is ";
  echo $variable1 - $variable2;
  echo "<br>";
  echo "The Value Of Variable1 * Variable2 is ";
  echo $variable1 * $variable2;
  echo "<br>";
  echo "The Value Of Variable1 / Variable2 is ";
  echo $variable1 / $variable2;
  echo "<br>";

  echo "<br>";
```

## // Assignment Operators

```
$variable1 = 100;  
$variable2 = $variable1;  
echo "The Value Of Variable1: " . $variable1 . "<br>";  
$variable2 += 10;  
echo "The Value Of Variable2 After Adding 10: " . $variable2 . "<br>";  
$variable2 -= 10;  
echo "The Value Of Variable2 After Subtracting 10: " . $variable2 .  
"<br>";  
$variable2 *= 10;  
echo "The Value Of Variable2 After Multiplying by 10: " . $variable2 .  
"<br>";  
$variable2 /= 10;  
echo "The Value Of Variable2 After Dividing by 10: " . $variable2 .  
"<br>";  
echo "<br>";
```

```
echo "<br>";
```

## // Comparison Operators

```
echo "The Value Of 1==4 is ";  
echo var_dump(1 == 4);  
echo "<br>";
```

```
echo "The Value Of 1!=4 is ";  
echo var_dump(1 != 4);  
echo "<br>";
```

```
echo "The Value Of 1>=4 is ";  
echo var_dump(1 >= 4);  
echo "<br>";
```

```
echo "The Value Of 1<=4 is ";  
echo var_dump(1 <= 4);  
echo "<br>";
```

```
// Increment/Decrement Operators
// echo $variable1++;
// echo $variable1--;
// echo ++$variable1;
echo --$variable1;
echo "<br>";
echo $variable1;

// Logical Operator
// and (&&)
// or (||)
// xor
// !

// $myVar = (true and true);
// $myVar = (false and true);
// $myVar = (false and false);
// $myVar = (true and false);
// $myVar = (true or false);

// $myVar = (true xor true);
// $myVar = (false and true);
// $myVar = (false xor false);
$myVar = (true and false);
echo "<br>";
echo var_dump($myVar);

echo "<br>";
// PHP Constant
define("PI", 3.14159);
define("GREETING", "Hello, World!");
echo PI;
echo "<br>";
echo GREETING;
echo "<br>";
```

## // Conditional Statements

```
$age = 6;
if ($age > 18) {
    echo "You Can Go To The Party";
} else if ($age == 6) {
    echo "You Are 6 Years Old";
} else {
    echo "You Can Not Go To The Party";
}
echo "<br>";
```

## // Arrays

```
$languages = array("Python", "C++", "PHP", "NodeJs");
echo count($languages);
echo "<br>";
echo $languages[0];
```

```
echo "<br>";
```

## // Loops in PHP

```
$a = 0;
while ($a <= 10) {
    echo "<br>The Value Of a is: ";
    echo $a;
    $a++;
}
```

```
echo "<br>";
```

```
$a = 0;
while ($a < count($languages)) {
    echo "<br>The Value Of Language is: ";
    echo $languages[$a];
    $a++;
}
echo "<br>";
```

```
// Do While loop
$a = 200;
do {
    echo "<br>The Value Of a is: ";
    echo $a;
    $a++;
} while ($a < 10);

echo "<br>";

// For loop
for ($a = 0; $a < 10; $a++) {
    echo "<br>The Value Of a From The For loop is: ";
    echo $a;
}

echo "<br>";

foreach ($languages as $value) {
    echo "<br>The Value From foreach loop is ";
    echo $value;
}

echo "<br>";

// Function
function print_number($number)
{
    echo "<br>Your Number is ";
    echo $number;
}

print_number(50);

echo "<br>";
```

```
?>
<div>
  <h1> Hello All! </h1>
</div>
</body>

</html>
```

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

<head>
  <title>PHP 2</title>
</head>

<body>
  <?php

    $str = "This This This";
    echo $str . "<br>";

    $lenn = strlen($str);

    echo "The Length Of This String is " . $lenn . ". Thank You <br>";

    echo "The Number Of Words In This String is " .
    str_word_count($str) . ". Thank You <br>";

    echo "The Reversed String is " . strrev($str) . ". Thank you <br>";

    echo "The Search For is In This String is " . strpos($str, "is") . ". Thank
    You <br>";
```

```
    echo "The Replaced String is " . str_replace("is", "at", $str) . ". Thank  
You <br>";
```

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

```
<?php  
$insert = false;  
if (isset($_POST['name'])) {  
    // Set connection variables  
    $server = "localhost";  
    $username = "root";  
    $password = "";  
  
    // Create a database connection  
    $con = mysqli_connect($server, $username, $password);  
  
    // Check for connection success  
    if (!$con) {  
        die("connection to this database failed due to" .  
mysqli_connect_error());  
    }  
    // echo "Success connecting to the db";  
  
    // Collect post variables  
    $name = $_POST['name'];  
    $gender = $_POST['gender'];  
    $age = $_POST['age'];  
    $email = $_POST['email'];  
    $phone = $_POST['phone'];  
    $desc = $_POST['desc'];  
  
    $sql = "INSERT INTO `trip`.`trip` (`name`, `age`, `gender`,  
`email`, `phone`, `other`) VALUES ('$name', '$age', '$gender', '$email',  
'$phone', '$desc');";  
    // echo $sql;
```

```

// Execute the query
if ($con->query($sql) == true) {
    // echo "Successfully inserted";

    // Flag for successful insertion
    $insert = true;
} else {
    echo "ERROR: $sql <br> $con->error";
}

// Close the database connection
$con->close();
}
?>

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

<head>
    <title>Welcome To Travel Form</title>
    <link
href="https://fonts.googleapis.com/css?family=Roboto|Sriracha&displa
y=swap" rel="stylesheet">
    <link rel="stylesheet" href="style.css">
</head>

<body>
    
    <div class="container">
        <h1>Welcome to IIT Kharagpur US Trip form</h3>
        <p>Enter Your Details And Submit This Form To Confirm Your
Participation In The Trip </p>

        <?php
            if ($insert == true) {
                echo "<p class='submitMsg'>Thanks For Submitting Your
Form. We Are Happy To See You Joining Us For The US Trip</p>";
            }
        ?>

```



```
<form action="index.php" method="post">
  <input type="text" name="name" id="name"
placeholder="Enter your name">
  <input type="text" name="age" id="age" placeholder="Enter
your Age">
  <input type="text" name="gender" id="gender"
placeholder="Enter your gender">
  <input type="email" name="email" id="email"
placeholder="Enter your email">
  <input type="phone" name="phone" id="phone"
placeholder="Enter your phone">
  <textarea name="desc" id="desc" cols="30" rows="10"
placeholder="Enter any other information here"></textarea>
  <button class="btn">Submit</button>
</form>
</div>
<script src="index.js"></script>

</body>

</html>
```

```
* {
  margin: 0px;
  padding: 0px;
  box-sizing: border-box;

  font-family: 'Roboto', sans-serif;
}

.container {
  max-width: 80%;
  padding: 34px;
  margin: auto;
}
```

```
.container h1 {  
  text-align: center;  
  font-family: 'Sriracha', cursive;  
  font-size: 40px;  
}
```

```
p {  
  font-size: 17px;  
  text-align: center;  
  font-family: 'Sriracha', cursive;  
}
```

```
input,  
textarea {  
  
  border: 2px solid black;  
  border-radius: 6px;  
  outline: none;  
  font-size: 16px;  
  width: 80%;  
  margin: 11px 0px;  
  padding: 7px;  
}
```

```
form {  
  display: flex;  
  align-items: center;  
  justify-content: center;  
  flex-direction: column;  
}
```

```
.btn {  
  color: white;  
  background: purple;  
  padding: 8px 12px;  
  font-size: 20px;  
  border: 2px solid white;  
  border-radius: 14px;  
  cursor: pointer;  
}
```

```
.bg {  
  width: 100%;  
  position: absolute;  
  z-index: -1;  
  opacity: 0.6;  
}  
  
.submitMsg {  
  color: green;  
}
```