

St. Lawrence College

(Affiliated to National Education Board)

Chabahil-7, Kathmandu

**A
Lab Report
Of PHP
On
(Database Connectivity)**



2079

Lab Report No:

Submitted By

Name:
Section:
Roll No:
Faculty: Management
Batch: 2078

Submitted To

Instructor Name: Milan Bista
Assigned Date: 2079-12-03
Submission Date:

.....
Year: 2079

Signature of Instructor

1. WAP to find sum of two numbers. Here, numbers are entered via html form.

```
<h1> PHP program to find sum of two numbers</h1>
<form method="post">
First Number :
<input type="text" name="firstnum"><br><br>
Second Number :
<input type="text" name="secondnum"><br><br>
<input type="submit" name="submit" value="sum">
</form>
```

```
<?php
if(isset($_POST['submit']))
{
$n1=$_POST['firstnum'];
$n2=$_POST['secondnum'];
$s=$n1+$n2;
echo "Sum of two numbers is ".$s;
}
?>
```

← → ⌂ ⓘ localhost:8888

Gmail YouTube Maps

PHP program to find sum of two numbers

First Number :

Second Number :

Sum of two numbers is 4

2. Write a PHP program to swap two numbers.

```
<h2>PHP program to swap two numbers</h2>
<form method="post">
    First Number :
    <input type="text" name="num1"><br><br>
    Second Number :
    <input type="text" name="num2"><br><br>
    <input type="submit" name="submit" value="submit">
</form>
```

```
<?php
if(isset($_POST['submit'])) {
    $a=$_POST['num1'];
    $b=$_POST['num2'];
    echo " Before swapping ";
    echo " <br>First Number ".$a;
    echo " <br>Second Number ".$b;
    $temp=$a;
    $a=$b;
    $b=$temp;
    echo " <br>After swapping ";
    echo "<br>First Number ".$a;
    echo "<br>Second Number ".$b;
}
?>
```

← → ⌂ localhost:8888

Gmail YouTube Maps

PHP program to swap two numbers

First Number :

Second Number :

Before swapping

First Number 1

Second Number 2

After swapping

First Number 2

Second Number 1

3. Write a PHP program to input name and address using form and display them.

```
<h2> PHP program to enter name and address </h2>
<form method="post">
Enter Name: <input type="text" name="name"><br><br>
Enter Address : <input type="text" name="address"><br><br>
<input type="submit" name="submit" value="Submit">
</form>
```

```
<?php
if(isset($_POST['submit'])){
$n=$_POST['name'];
$a=$_POST['address'];
echo "<br> Name = ".$n;
echo "<br> Address = " . $a;
}
?>
```

← → ⌂ ⓘ localhost:8888

Gmail YouTube Maps

PHP program to enter name and address

Enter Name:

Enter Address :

Name = abc

Address = abc@gmail.com

4. Write a PHP program to connect a database named 'student'.

```
<?php  
    $servername="localhost:8888";  
    $username="root";  
    $password="";  
    $dbname="student";  
    $conn=new mysqli($servername,$username,$password,$dbname);  
    if($conn->connect_error)  
        die("Connection failed:".mysqli_connect_error());  
    else  
        echo "Database connected successfully";  
?>
```

← → ⌂ ⓘ localhost:8888

Gmail YouTube Maps

Database connected successfully

5. Write a PHP program to insert records in a database named student with fields id, name and grade.

```
<?php
    $servername="localhost";
    $username="root";
    $password="";
    $dbname="student";
    $conn=new mysqli($servername,$username,$password,$dbname);
    if($conn->connect_error)
        die("Connection failed:".mysqli_connect_error());
    else
        echo "Database connected successfully";
    $sql="insert into studentrec (id,name,grade)values (101,'Tsering Sherpa',12)";
    if($conn->query($sql)==true)
    {
        echo "Inserted data successfully";
    }
    else{
        echo "Error in inserting data:".$conn->error;
    }
    $conn->close();
?>
```

← → ⌂ localhost:8888

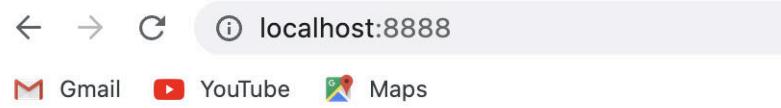
Gmail YouTube Maps

Inserted data successfully

id	name	grade
101	Tsering Sherpa	12

6. Write a PHP program to display all records (previous question) of students who are in grade 12.

```
<?php
    $servername="localhost";
    $username="root";
    $password="root";
    $dbname="student";
    $conn=new mysqli($servername,$username,$password,$dbname);
    if($conn->connect_error){
        die("Connection failed:".mysqli_connect_error());
    }
    $sql="SELECT *FROM studentrec WHERE grade='12'";
    $result=$conn->query($sql);
    if($result->num_rows>0)
    {
        while($row=$result->fetch_assoc())
        {
            echo "<br> id:".$row["id"]." - Name: ".$row["name"]." - Grade : ".$row["grade"];
        }
    }
    else {
        echo "0 results";
    }
    $conn->close();
?>
```



id:101 - Name: Tsering Sherpa - Grade : 12

id	name	grade
101	Tsering Sherpa	12
2	Tsering	11
3	ssantosh	12

8. Write a PHP program to update a record of student whose id is 2.[Try same program with name/grade.]

```
<?php
$servername="localhost";
$username="root";
$password="root";
$dbname="student";
$conn=new mysqli($servername,$username,$password,$dbname);
if($conn->connect_error)
die("Connection failed:".mysqli_connect_error());
else
echo "Database connected successfully";
$sql="UPDATE studentrec SET name='ABC' WHERE id=2;";
if($conn->query($sql)===true)
{
    echo "Data updated successfully";
}
else{
    echo "Error in data update :".$conn->error;
}
$conn->close();
?>
```

← → C ⓘ localhost:8888

Gmail YouTube Maps

Database connected successfullyData updated successfully

Before			After		
id	name	grade	id	name	grade
2	ram	12			
3	shyam	12			

id	name	grade
2	ABC	12
3	shyam	12

7. Write a PHP program to delete records of a student whose id is 3.[previous question]

```
<?php
$servername="localhost";
$username="root";
$password="root";
$dbname="student";
$conn=new mysqli($servername,$username,$password,$dbname);
if($conn->connect_error)
die("Connection failed:".mysqli_connect_error());

$sql="DELETE FROM studentrec WHERE id=101";
if($conn->query($sql)===true)
{
    echo "Data deleted ";
}
else{
    echo "Error in deleting data:".$conn->error;
}
$conn->close();?>
```

Data deleted

Before

id	name	grade
101	Tsering Sherpa	12
2	Tsering	11
3	ssantosh	12

After

id	name	grade
2	Tsering	11
3	ssantosh	12