



St. Lawrence College

(Affiliated to National Education Board)

Chabahil-7, Kathmandu

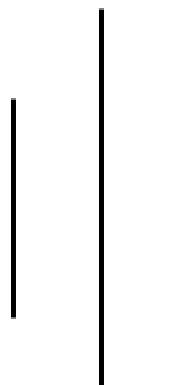
A

Lab Report

Of PHP

On

(Database Connectivity)



2079

Lab Report No:

Submitted By

Name:

Section:

Roll No:

Faculty: Management

Batch: 2078

.....

Year: 2079

Submitted To

Instructor Name: Milan Bista

Assigned Date: 2079-12-03

Submission Date:




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;
}
?>
```

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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">

Second Number :

<input type="text" name="num2">

<input type="submit" name="submit" value="submit">

</form>

<?php

if(isset(\$_POST['submit'])) {

\$a=\$_POST['num1'];

\$b=\$_POST['num2'];

echo " Before swapping ";

echo "
First Number ".\$a;

echo "
 Second Number ".\$b;

\$temp=\$a;

\$a=\$b;

\$b=\$temp;

echo "
After swapping ";

echo "
First Number ".\$a;

echo "
 Second Number ".\$b;

}

?>

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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">

Enter Address : <input type="text" name="address">

<input type="submit" name="submit" value="Submit">

</form>

<?php

if(isset(\$_POST['submit'])){\

\$n=\$_POST['name'];

\$a=\$_POST['address'];

echo "
 Name = ".\$n;

echo "
 Address = " . \$a;

}

?>

[←](#) [→](#) [↻](#) [localhost:8888](#)

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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();
?>
```

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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();
?>
```

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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();
?>
```

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Database connected successfullyData updated successfully

Before

id	name	grade
2	ram	12
3	shyam	12

After

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 |