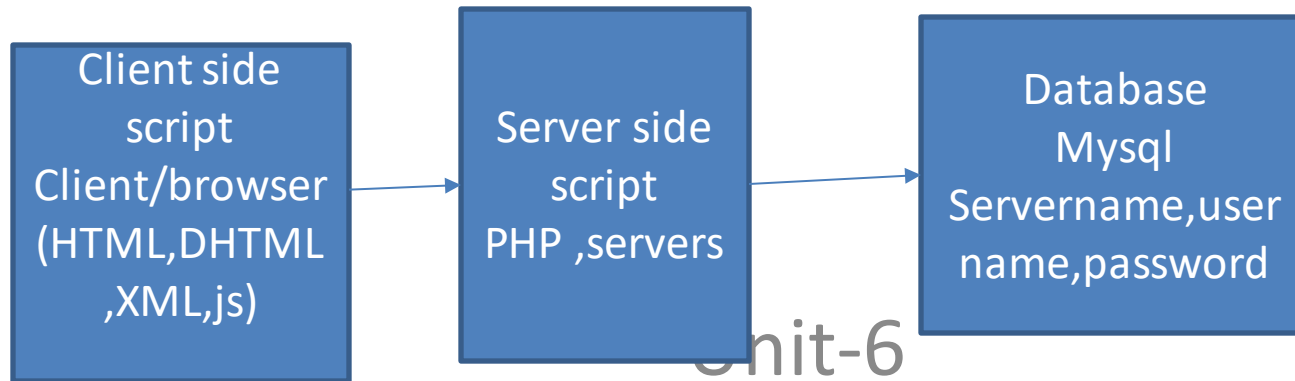


# Connectivity of mysql with PHP



Unit-6

# 3 Ways of connectivity

- 1. Procedural
- 2. Object Oriented
- 3. PDO(PHP Data Objects)- access to multiple databases, having different drivers for different databases.

# PHP MySQL Functions

- Step1. Connecting to a Database(database created)  
function name is
- **Function**
  - `mysql_connect("hostname", "username", "")`
- Step 2. create or Making a query
- **FUNCTION**
  - `mysqli_query(connection, query)`
- Step3. Output received from stp 2. or Using results of a query
- **function**
  - `mysqli fetch_array()`
- Step 4. closing closing the connection
  - `Mysql_close(connection)`

# Mysql database with php

Procedural

```
<html>
```

```
<body>
```

```
<?php
```

```
echo "database connection and open a  
database<br>"; //hostname,username,password
```

1. `$link=mysql_connect("localhost","root","")` or  
`die("could not connect:".mysql_error());`
2. `echo "connected successfully<br>";`  
`$db=mysql_select_db("gargi")` or `die("could not select  
database: ".mysql_error());`

```
echo "database selected successfully<br>";
```

3. `mysql_close($link);`

```
?>
```

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

# PHP script to create a table in php

- <html>
- <body>
- <?php

```
echo "database connection and open a database<br>";
$link=mysql_connect("localhost","root","") or die("could not
connect:".mysql_error());
echo"connected successfully<br>";
$db=mysql_select_db("gargi") or die("could not select database:
".mysql_error());
echo "database selected successfully<br>";
$query="create table test1(name varchar(30) not null ,age int)";
$result=mysql_query($query) or die ("Query
failed:".mysql_error());
echo"table is created"; mysql_close($link);
?>
```

# php script to insert a value in table

```
<?php
echo "database connection and open a database<br>";
$link=mysql_connect ("localhost","root","") ;
echo "connected successfully<br>";
$db=mysql_select_db("student");
echo "database selected successfully<br>";
$sql=mysql_query("insert into test1(name,
age)values('gargi','30')");

echo "value is inserted";
mysql_close($link);
?>
```

# php script to select data from table

- <?php
- echo "database connection and open a database<br>";  
\$link=mysql\_connect("localhost","root","") or die("could not connect:".mysql\_error());
- echo "connected successfully<br>";  
\$db=mysql\_select\_db("student") or die("could not select database:".mysql\_error());  
echo "database selected successfully<br>"; \$sql="select...  
\$sql=mysql\_query("select \* from test1"); //\$result=mysql\_query(\$sql)  
or die ("Query failed:".mysql\_error());  
while(\$row = mysql\_fetch\_array(\$sql))  
{ \$name=\$row["name"]; \$age=\$row["age"]; }  
echo \$name;  
echo \$age;  
mysql\_close(\$link);  
?>

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Rohit	121
Mohi t	122
soha n	123

- Use the PHP `mysql_connect()` function to open a new connection to the MySQL server.(Object Oriented)

- `<?php`

```
$servername = "localhost";
```

```
$username = "username";
```

```
$password = "password";
```

```
// Create connection
```

```
$conn = new mysqli($servername, $username, $password);
```

```
// Check connection
```

```
if ($conn->connect_error) {
```

```
    die("Connection failed: " . $conn->connect_error);
```

```
}
```

```
// Create database
```

```
$sql = "CREATE DATABASE myDB";
```

```
if ($conn->query($sql) === TRUE) {
```

```
    echo "Database created successfully";
```

```
} else {
```

```
    echo "Error creating database: " . $conn->error;
```

```
}
```

```
$conn->close();
```

```
?>
```