

## Practical-10

**Aim:** Create REST API using PHP to send the form data like username, email into the database and test that API.

- **Create database table & Connect database** - Now, we have to create a connection.php file and add the following code to connect the database

**Code:**

```
<?php
$dbhost = "localhost";
$dbuser = "root";
$dbpass = "";
$db = "api";
$con = mysqli_connect($dbhost, $dbuser, $dbpass , $db) or die($con);
?>
```

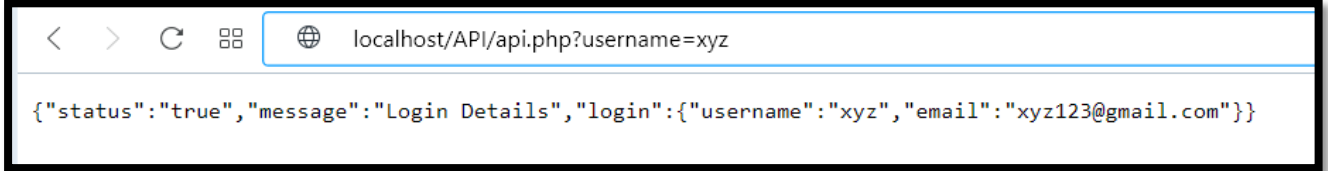
- **Create a file for REST API** - create an api.php file at the root level of the directory to create a REST API and add the following code in that file

**Code:**

```
<?php
header("Content-Type:application/json");
include('connection.php');
if (isset($_GET['username']) && $_GET['username']!="")
{
    $username = $_GET['username'];
    $query = "SELECT * FROM login WHERE username='$username'";
    $result = mysqli_query($con,$query);
    $row = mysqli_fetch_array($result,MYSQLI_ASSOC);
    $LoginData['username'] = $row['username'] ?? "xyz";
    $LoginData['email'] = $row['email'] ?? "xyz123@gmail.com";

    $response["status"] = "true";
    $response["message"] = "Login Details";
    $response["login"] = $LoginData;
}
else
{
    $response["status"] = "false";
    $response["message"] = "No user found!!!";
}
echo json_encode($response);
exit;
?>
```

### Output:



- **Rewrite the API URL** - rewrite the above URL using .htaccess file because it's not user friendly and After adding the below code in .htaccess file, we can retrieve the customer data by browsing the following URL and get the same output

### Code:

RewriteEngine On

RewriteRule ^api/([0-9a-zA-Z\_-]\*)\$ api.php?username=\$Hunaid [NC,L]

### Output:

