1. **Create a php program to open, close and delete a file.**

```php
<?php
//create a file.
$my_file = 'file.txt';
$handle = fopen($my_file, 'w') or die('Cannot open file:  '.
$my_file);
//write data
$data = 'This is the data for php pgm';
fwrite($handle, $data);

//read data
echo "\n\n";
$my_file = 'file.txt';
$handle = fopen($my_file, 'r');
$data = fread($handle,filesize($my_file));
echo $data;
echo "\n\n";
//close  file
fclose($handle);
//delete file
$my_file = 'file.txt';
if (!unlink($my_file)) {
    echo ("$my_file cannot be deleted due to an error");
}
else {
    echo ("$my_file has been deleted");
}
echo "\n\n";

?>
```

Output:

```
Go   Run   Terminal   Help              F_Open_close.php - PHP - Visual Studio Code

 TERMINAL     PROBLEMS     OUTPUT     DEBUG CONSOLE


 file.txt has been deleted
 C:\xampp\htdocs\PHP>php  F_Open_close.php


 This is the data for php pgm

 file.txt has been deleted


 C:\xampp\htdocs\PHP>
```

2. Create a php program to insert student data through html form to database.

```html
<!DOCTYPE html>
<head>
    <title>student registration</title>


</head>
<header align=middle><h1>STUDENT REGISTRTION</h1>
</header>

<body bgcolor="Lightskyblue">


<form action="<?php $_PHP_SELF?>" method="POST">
<label>firstname</label>
```

```html
<input type="text" name="first_name" id="name1" autocomplete
=on
 placeholder="enter your first name" required size=15>
<br><br>
<label>Last name</label>
<input type="text" name="last_name" id="" autocomplete="on"
placeholder="enter your  last name" size=15>
<br><br>
<label> Select Gender     </label>
<br>
<label >Male</label>
<input type="radio" value="male" name="gender" id="male">
<label >Female</label>

    <input type="radio" value="female" name="gender" id="fem
ale">
    <label  value="other">Other</label>
<input type="radio" value="other" name="genter" id="other">

<br><br>


Address  <br> <textarea name="address" rows="5" cols="50" re
quired>
</textarea><br><br>



Email: <input type="email" id="email" name="email">
<br> <br>


<input type="submit"  name="submit" value="Submitt">
</form>
<hr>
<center>
        <?php

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

```php
            $Severname="localhost";
            $Username="rajisha";
            $password="rachu";
            $dbname="student";
            $conn= mysqli_connect($Severname,$Username,$password,$dbname);
            if($conn === false)
            {
             die("Connection failed\n".mysqli_connect_error());
            }
            $first_name =  $_REQUEST['first_name'];
            $last_name = $_REQUEST['last_name'];
             $gender =  $_REQUEST['gender'];
            $address = $_REQUEST['address'];
             $email = $_REQUEST['email'];
             $sql = "INSERT INTO students  VALUES ('$first_name',
            '$last_name','$gender','$address','$email')";
            if(mysqli_query($conn, $sql)){
                echo "<h1>data stored in a database successfully.</h1>";

                echo nl2br("<h3>\n$first_name\n $last_name\n $gender\n $address\n $email</h3>");
            } else{
                echo "ERROR: Hush! Sorry $sql. "
                    . mysqli_error($conn);
            }

            // Close connection
            mysqli_close($conn);
        }

        ?>


        </center>
```

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

Output:

```
MariaDB [student]> select * from students;
+------------+-----------+--------+-----------------------------+--------------------+
| first_name | last_name | genter | address                     | email              |
+------------+-----------+--------+-----------------------------+--------------------+
| rajisha    | rachu     | female | rajisha nivas,kannur kerala | rajisha@gmail.com  |
| nayana     | k m       | female | nayana nivas.kannur.kerala  | nayana@gamil.com   |
| harsha     | nambiar   | female | harsha nivas,kannur,kerala  | hatsha@gmail.com   |
| sneha      | santhosh  | female | shehalayam,kannur,kerala    | sneha@gamil.com    |
| aswin      | v         | male   | aswin nivas,chala,kannur    | aswin@gamil.com    |
| rithik     | prem      | male   | rithik nivas                | rithik@gamil.com   |
| tinu       | sajeev    | male   | tinu nivas                  | tinu@gamil.com     |
+------------+-----------+--------+-----------------------------+--------------------+
7 rows in set (0.000 sec)

MariaDB [student]>
```

STUDENT REGISTRTION

firstname [enter your first name]

Last name [enter your last name]

Select Gender
Male ○ Female ○ Other ○

Address
[   ]

Email: [   ]

[Submitt]

---

data stored in a database successfully.

tinu
sajeev
male
tinu nivas
tinu@gamil.com