

## Developing GUI Application Using PHP

### Ex.9c Payroll Processing

1. start Apache and MySql in xampp
2. Type the code in the notepad and save the file in double code "aa.php"
3. create the database employee
4. create the table department
5. <https://localhost/aa.php> and <http://localhost/conn.php>
6. paste the above files in htdocs in xampp

**aa.php**

```
<!DOCTYPE HTML>
```

```
<html>
```

```
<head>
```

```
<title>Department Table</title>
```

```
<!--<link rel="stylesheet" type="text/css" href="style.css"> -->
```

```
<style>
```

```
body {background-color: lightgreen;}
```

```
h1 {color: blue;}
```

```
p {color: red;}
```

```
</style>
```

```
</head>
```

```
<body>
<h1>
<div id="dept"> <h3>Department table entry</h3>
</h1>
<p>
<h3>
<form method="POST" action="conn.php">
DName <br><input type="text" name="dname"><br>
Department number<br><input type="text" name="dnumber"><br>
MGR SSN<br><input type="text" name="mgrssn"><br>
MGR start Date<br><input type="text" name="mgrstartdate"><br>
<input type="submit" value="ok">
</h3>
</p>
</form>
</div>
</body>
</html>
```

**conn.php**

**<?php**

**\$bg\_color = '#ffff00'; // Red background color.**

**echo "<body style='background-color: \$bg\_color;'>";**

**\$servername = "localhost";**

**\$username = "root";**

**\$password = "";**

**\$dbname = "employee";**

**// Create connection**

**\$conn = new mysqli(\$servername, \$username, \$password,\$dbname);**

**// Check connection**

**if (\$conn->connect\_error) {**

**die("Connection failed: " . \$conn->connect\_error);**

**}**

**echo "<h3><b>Connected successfully</b></h3>";**

**//displaying the contents**

**\$sql="desc department";**

**if(\$conn->query(\$sql)==TRUE)**

**{**

```
echo "<br>";
echo "<h3><b>Connected to the table</b></h3>";
}
else
{echo "error";}

//Displaying the contents
echo "<br>";

//insertion from html
$dname=$_POST['dname'];
$dnumber=$_POST['dnumber'];
$mgrssn=$_POST['mgrssn'];
$mgrstartdate=$_POST['mgrstartdate'];

$sql11="insert into department
values('$dname',$dnumber,$mgrssn,'$mgrstartdate')";

if($conn->query($sql11)==TRUE)
{echo "<b><h3>Inserted</b></h3>";}

else
```

```
{echo "error";}
```

```
echo "<br>";
```

```
$sql1="select * from department";
```

```
$result = $conn->query($sql1);
```

```
if ($result->num_rows > 0) {
```

```
    // output data of each row
```

```
echo "<b><h3><font color=blue> DName  Dno  Mgrssn  
mgrstartdate</h3></b><br></font>";
```

```
    while($row = $result->fetch_assoc()) {
```

```
        echo $row["dname"]."  ". $row["dno"]."  ".$row["mgrssn"]." "  
        ".$row["mgrstartdate"]."<br>";
```

```
    }
```

```
} else {
```

```
    echo "empty table";
```

```
}
```

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

```
?>
```

## Output



A screenshot of a web browser window. The address bar shows 'localhost/aa.php'. The page has a light green background. The title 'Department table entry' is displayed in a large, bold, blue serif font. Below the title, there are five labels in bold black font: 'DName', 'Department number', 'MGR SSN', 'MGR start Date', and 'ok'. Each label is followed by a text input field. The 'DName' field contains 'mech', 'Department number' contains '15', 'MGR SSN' contains '15', and 'MGR start Date' contains '2023-12-24'. The 'ok' field is a button.

← → ↻ ⓘ localhost/aa.php

# Department table entry

**DName**

**Department number**

**MGR SSN**

**MGR start Date**

← → ↻ ⓘ localhost/conn.php

**Connected successfully**

**Connected to the table**

**Inserted**

**DName Dno Mgrssn mgrstartstate**

cse 13 10 2023-12-10  
cse 13 10 2023-12-10  
ece 13 10 2023-12-24  
mech 15 15 2023-12-24