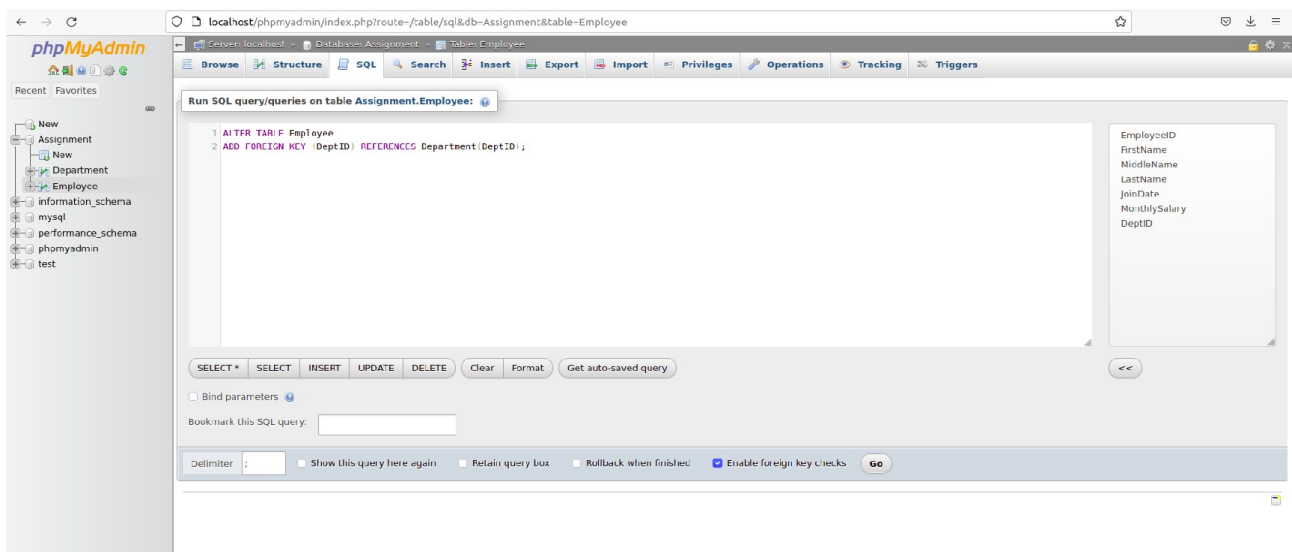
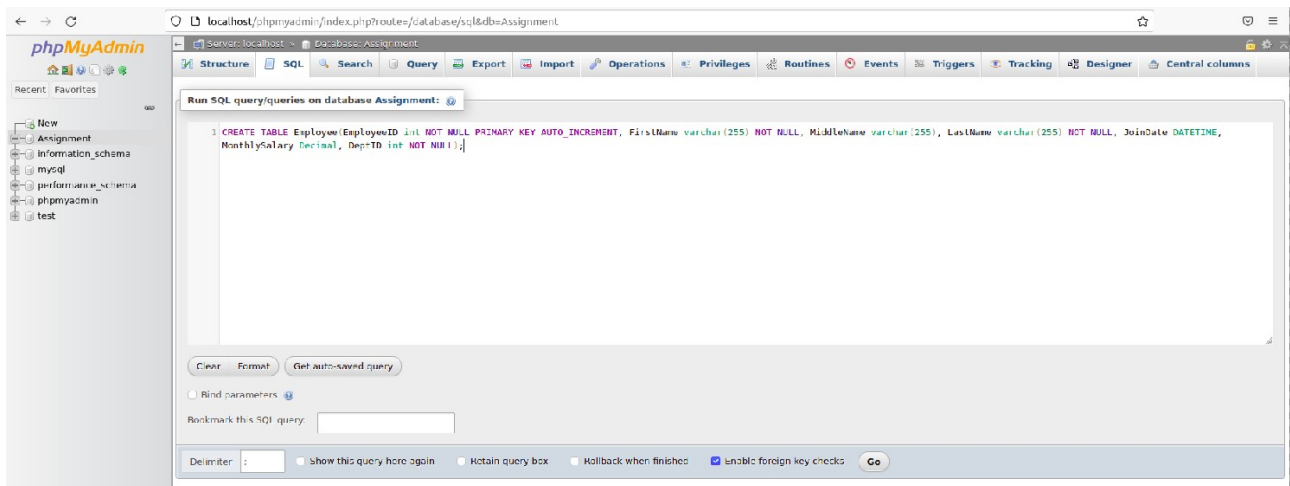
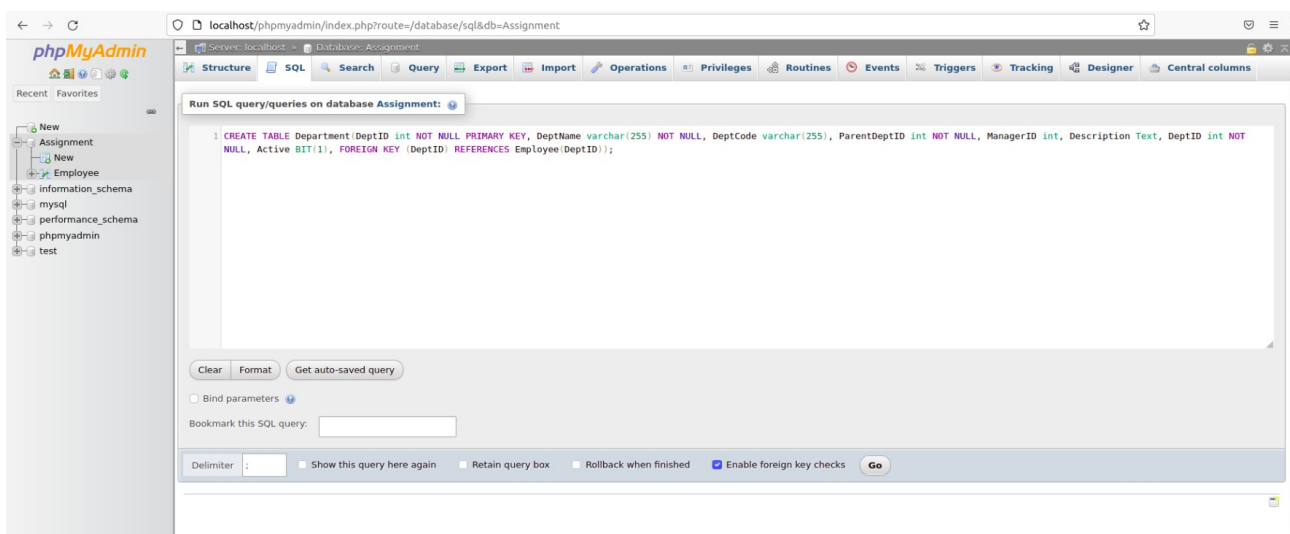


## Create an Employee table



## Create an Department table



Write a Single Query to find the Total Earnings by Employees grouped by Departments.

The screenshot shows the phpMyAdmin interface with the 'Run SQL query/queries on table Assignment.Employee:' window open. The SQL query entered is:

```
1 SELECT E.EmployeeID, E.DeptID, E.JoinDate, D.DeptName, CURRENT_DATE(), DATEDIFF(CURRENT_DATE(), JoinDate) / 12 AS WorkedMonth, (SELECT WorkedMonth * MonthlySalary) AS TotalEarnings FROM Employee E INNER JOIN Department D ON E.DeptID = D.DeptID GROUP BY D.DeptName;
```

Below the query, there are buttons for 'SELECT', 'INSERT', 'UPDATE', 'DELETE', 'Clear', 'Format', and 'Get auto-saved query'. There is also a checkbox for 'Bind parameters' and a text input for 'Bookmark this SQL query:'. At the bottom, there are checkboxes for 'Show this query here again', 'Retain query box', 'Rollback when finished', and 'Enable foreign key checks', along with a 'Go' button.

The screenshot shows the phpMyAdmin interface with the 'Show query box' window open. The message 'MySQL returned an empty result set (i.e. zero rows). (Query took 0.0003 seconds.)' is displayed. Below the message, the SQL query is shown: 

```
SELECT E.EmployeeID, E.DeptID, E.JoinDate, D.DeptName, CURRENT_DATE(), DATEDIFF(CURRENT_DATE(), JoinDate) / 12 AS WorkedMonth, (SELECT WorkedMonth * MonthlySalary) AS TotalEarnings FROM Employee E INNER JOIN Department D ON E.DeptID = D.DeptID GROUP BY D.DeptName;
```

Below the query, there are buttons for 'Profiling', 'Edit inline', 'Edit', 'Explain SQL', 'Create PHP code', and 'Refresh'. The query results are shown in a table with the following columns: EmployeeID, DeptID, JoinDate, DeptName, CURRENT\_DATE(), WorkedMonth, and TotalEarnings. Below the table, there are buttons for 'Query results operations', 'Create view', 'Bookmark this SQL query', and 'Bookmark this SQL query'.

Write a Single Query to find the list of Employees belonging to Department Sales, with service length of more than 6 months.

The screenshot shows the phpMyAdmin interface with the 'Run SQL query/queries on table Assignment.Employee:' window open. The SQL query entered is:

```
SELECT E.EmployeeID, E.DeptID, E.JoinDate, D.DeptName, CURRENT_DATE(), DATEDIFF(CURRENT_DATE(), JoinDate) / 12 AS WorkedMonth FROM Employee E INNER JOIN Department D ON E.DeptID = D.DeptID WHERE D.DeptName = 'Sales' HAVING WorkedMonth >= 6;
```

Below the query, there are buttons for 'SELECT', 'INSERT', 'UPDATE', 'DELETE', 'Clear', 'Format', and 'Get auto-saved query'. There is also a checkbox for 'Bind parameters' and a text input for 'Bookmark this SQL query:'. At the bottom, there are checkboxes for 'Show this query here again', 'Retain query box', 'Rollback when finished', and 'Enable foreign key checks', along with a 'Go' button.

Write a Single Query to list Employees with their Department Name and their Manager Name.

