

## EXPERIMENT 24

### Aim:

To create a **payroll processing system** using a **GridView (Data Grid Control)** to display salary details.

### Procedure:

1. Create an Employees table with fields: EmployeeID, Name, Designation, Salary.
2. Add a **GridView** control in **WebForm1.aspx** to display payroll details.
3. Use **ADO.NET** to fetch and bind data to the GridView.
4. Implement **salary calculation logic** for bonuses, deductions, etc.
5. Test payroll processing and data display.

### Output:

The screenshot shows the OneCompiler SQL editor interface. The left pane displays the following SQL code:

```
1 CREATE TABLE Employees (  
2     employee_id INT PRIMARY KEY,  
3     name VARCHAR(100),  
4     department VARCHAR(50),  
5     base_salary DECIMAL(10, 2)  
6 );  
7  
8  
9  
10 CREATE TABLE Payroll (  
11     employee_id INT,  
12     bonus DECIMAL(10, 2),  
13     deductions DECIMAL(10, 2),  
14     tax_rate DECIMAL(5, 2),  
15     FOREIGN KEY (employee_id) REFERENCES Employees(employee_id)  
16 );  
17  
18  
19 INSERT INTO Employees (employee_id, name, department, base_salary)  
20 VALUES  
21 (101, 'Alice', 'HR', 5000),  
22 (102, 'Bob', 'Engineering', 7000),  
23 (103, 'Charlie', 'Sales', 6000);  
24  
25  
26 INSERT INTO Payroll (employee_id, bonus, deductions, tax_rate)  
27 VALUES  
28 (101, 500, 300, 5),  
29 (102, 800, 400, 5),  
30 (103, 600, 350, 5);  
31  
32
```

The right pane shows the output of the SQL execution, displaying a table with the following data:

base_salary	bonus	deductions	tax_rate	net_sal
5000.00	500.00	300.00	5.00	
7000.00	800.00	400.00	5.00	
6000.00	600.00	350.00	5.00	

The bottom of the screenshot shows the Windows taskbar with the system clock at 1:11 PM on 2/22/2025.

### Result:

A **payroll processing system** was successfully developed using **Data Grid Control**.