Hi guys welcome back to Day 12 of Learning SQL with me. We have created a table employees, with the following columns where employee number is the primary key while dept\_id is referenced to another table departments as foreign key.

Similary we have created the departments table with dept\_id as primary key. AND inserted the following values into the table.

Lets look at our employees using select which looks like this and departments table which looks like this.

Lets try to output total expenses for each department t.

FIRST we are going to select department\_name, sum of the salary as total\_salary\_expense from the employee table.

Lets join the departments table on the department\_id from both tables and group by dept name.