



CSE 311L(Database Management System)

LAB-Week 02(Lecture - 01)

Topics:

- Basic SELECT Statement
- Selecting All Columns, Specific Columns
- Arithmetic Expressions, Using Arithmetic Operators, Parenthesis
- Defining a Column Alias

Basic SELECT Statement

```
SELECT * | column1, column2, ...  
FROM table;
```

Arithmetic Operators

```
SELECT last_name, salary, 12*(salary+100)  
FROM employees;
```

Using Column Aliases

```
SELECT last_name "Name", salary*12 "Annual Salary"  
FROM employees;
```

Activity 01:

Write a query that displays the last name , weekly salary, department number of the employees. Name the salary column as "Weekly Salary".



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LAB-Week 02 (Lecture – 02)

Objectives:

After completing this lesson, you should be able to do the following:

- Eliminating Duplicate Rows
- Displaying Table Structure
- Concatenation Operator

Using the Concatenation Operator

```
SELECT CONCAT(last_name, "is a", job_id)
AS "Employee Details"
FROM employees;
```

Eliminating Duplicate Rows

```
SELECT DISTINCT department_id
FROM employees;
```

Displaying Table Structure

```
SELECT DISTINCT department_id
FROM employees;
```

Activity 01:

Write a query that displays the last name concatenated with the job ID, separated by a comma and space, and name the column Employee and Title.