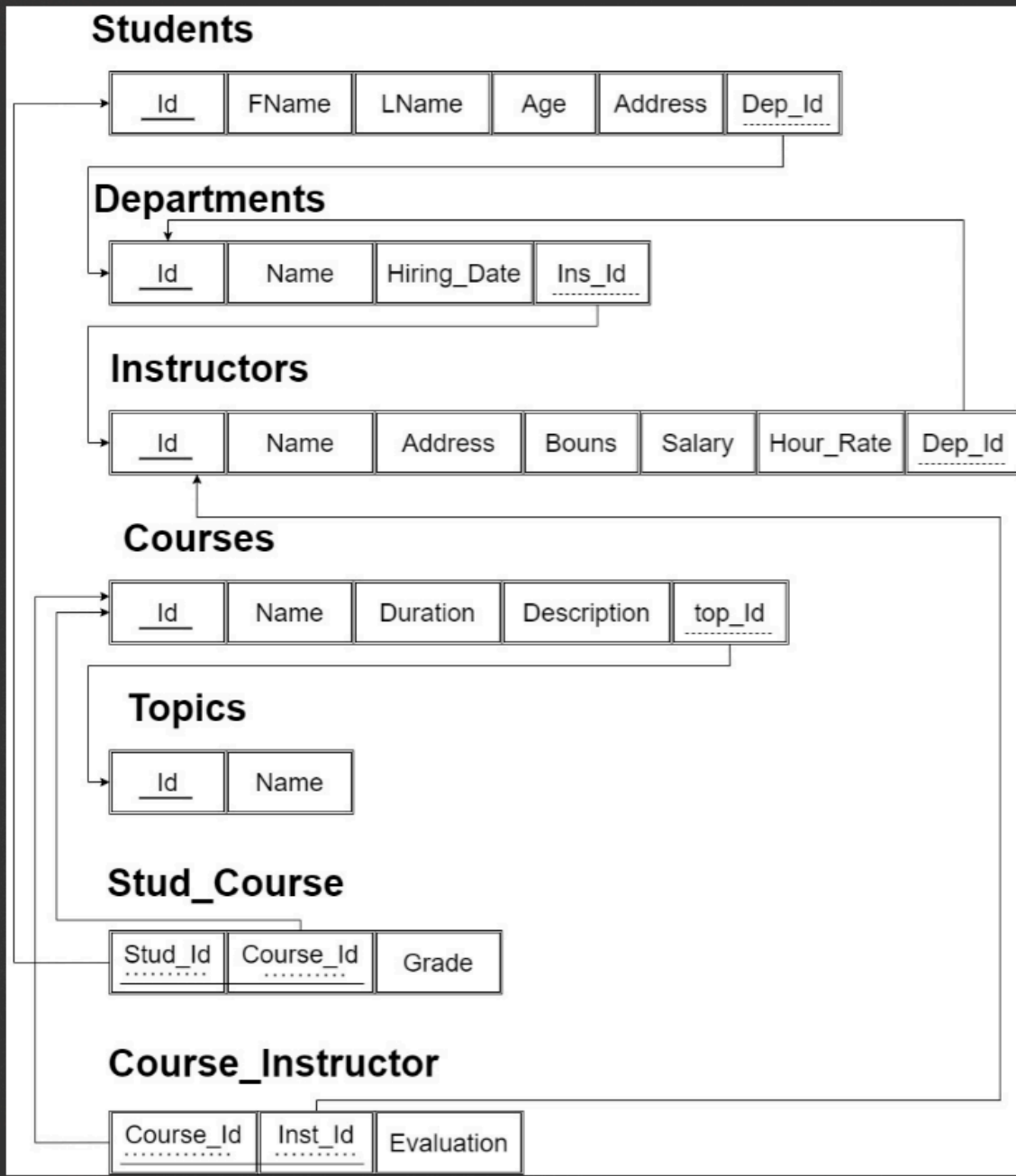


# Code Wave Day3

## Task



### From The Previous Assignment:

#### Part 01: Insert New Data

1. Insert two new rows into the Students table, associating each student with a specific department.
2. Insert two new rows into the Instructors table, specifying their salaries and departments.
3. Insert two new rows into the Courses table, specifying the course names and their durations.

#### Part 02: Data Manipulation Language

1. Insert a new student into the Students table with your personal data, assigning the student to department number 20.
2. Insert a new instructor into the Instructors table with personal data of your friend, assigning the instructor to department number 20, setting the salary to 4500, and leaving the bonus column empty.
3. Increase the salary of all instructors by 15% of their current values.
4. Update the name of a specific course in the Courses table to "Code Wave".

## Solution

### Part 01: Insert New Data

1. Insert two new rows into the Students table, associating each student with a specific department:

```
INSERT INTO Students (Id, FName, LName, Age,
Address, Dep_Id)
VALUES (1, 'Ali', 'Ameen', 22, '123 Street', 10),
      (2, 'kholod', 'fathy', 21, '456 Avenue', 15);
```
```

2. \*\*Insert two new rows into the Instructors table, specifying their salaries and departments:\*\*

```
```sql
INSERT INTO Instructors (Id, Name, Address, Bouns,
Salary, Hour_Rate, Dep_Id)
```

```
VALUES (1, 'Ali Ameen', '789 cairo', 1000, 5000, 50, 20),
        (2, 'kholod fathy', '101 alex', 1500, 5500, 55,
25);
    \ \
```

3. \*\*Insert two new rows into the Courses table, specifying the course names and their durations:\*\*

```
    \ \ sql
INSERT INTO Courses (Id, Name, Duration, Description,
top_Id)
VALUES (1, 'Database Basics', '3 months', 'Intro to
Databases', 1),
        (2, 'Web Development', '4 months', 'Building
Web
        Applications', 2);
    \ \
```

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### \*\*Part 02: Data Manipulation Language\*\*

1. \*\*Insert a new student into the Students table with your personal data, assigning the student to department number 20:\*\*

```
    \ \ sql
INSERT INTO Students (Id, FName, LName, Age, Address,
Dep_Id)
VALUES (3, 'kholod', 'Elhmamsy', 25,
'cairo - nasr city', 20);
```

2. **Insert a new instructor into the Instructors table with personal data of your friend, assigning the instructor to department number 20, setting the salary to 4500, and leaving the bonus column empty:**

```
INSERT INTO Instructors (Id, Name, Address, Bouns,  
Salary, Hour_Rate, Dep_Id)  
VALUES (3, 'heba', 'Alex', NULL, 4500,  
40, 20);
```

3. **Increase the salary of all instructors by 15% of their current value:**

```
UPDATE Instructors  
SET Salary = Salary * 1.15;
```

4. **Update the name of a specific course in the Courses table to "Code Wave":**

```
UPDATE Courses  
SET Name = 'Code Wave'  
WHERE Id = 1;  
\\
```