S5 Semester

Application Software Development Lab (ASDL)

Github : [ceccs18c59/cs331:Application Software Development Lab (github.com)](github.com)

Experiment 3

- Create table "employeedetails" with empid references to the empid in employee table
- Display the details of employee table where empid in "employeedetails" table
- Display the details of employee table where empid not in "employeedetail" table

SQL Query

```
USE cs333;

#1
CREATE TABLE employee (
      empid VARCHAR(4) NOT NULL,
      name VARCHAR(10) NOT NULL,
      datejoined DATE,
      salary INT NOT NULL,
      PRIMARY KEY (empid)
);

CREATE TABLE employeedetails (
      empid VARCHAR(4) NOT NULL,
      departmentid int,
      FOREIGN KEY (empid)
      REFERENCES employee(empid)
);

INSERT INTO employee VALUES('e1', 'Jonny', '2012-12-03', '6000'),
('e2', 'Jermy', '2014-03-06', '9000'),
('e3', 'John', '2016-01-21', '30000'),
('e4', 'Edison', '2015-01-11', '40000');

INSERT INTO employeedetails VALUES('e1', '3'), ('e3', '2'),
('e4', '1');

#2
SELECT * FROM employee
WHERE empid in(SELECT empid FROM employeedetails);

#3
```

```
SELECT * FROM employee
WHERE empid NOT IN(SELECT empid FROM employeedetails);
```

Result