

“Introduction To Database And MySQL Queries”

Assignment Solutions



Assignment Solutions

1. Create an employee table with the following attributes:

Field	Type
Emp_id	INTEGER
Emp_name	VARCHAR2(15)
Salary	INTEGER
manager_id	INTEGER

2) Add 10 different rows in the table with your own values.

3) Select the employee with highest salary

4) Select the second highest paid employee

5) Find the employee whose manager id is similar to employee id

Solution - <https://p.ip.fi/BuHc>

```
-- create EMPLOYEE
CREATE TABLE EMPLOYEE (
  emp_id INTEGER PRIMARY KEY,
  emp_name TEXT NOT NULL,
  salary INTEGER,
  manager_id INTEGER
);

-- insert 10 rows
INSERT INTO EMPLOYEE VALUES (0001, 'Clark', 10000, 1111);
INSERT INTO EMPLOYEE VALUES (0002, 'Dave', 11000, 1112);
INSERT INTO EMPLOYEE VALUES (0003, 'Ava', 12000, 1113);
INSERT INTO EMPLOYEE VALUES (0004, 'Shivani', 13000, 1114);
```

```
INSERT INTO EMPLOYEE VALUES (0005, 'Amar', 22000, 1115);  
INSERT INTO EMPLOYEE VALUES (0006, 'Ankur', 24000, 1116);  
INSERT INTO EMPLOYEE VALUES (0007, 'Babita', 52000, 1117);  
INSERT INTO EMPLOYEE VALUES (1112, 'Varun', 34000, 1118);  
INSERT INTO EMPLOYEE VALUES (0009, 'Sahil', 65000, 1119);  
INSERT INTO EMPLOYEE VALUES (0010, 'Suyash', 26000, 1120);  
  
-- Employee with highest salary  
SELECT * FROM EMPLOYEE WHERE salary = (select max(salary) from  
EMPLOYEE);  
  
-- Second highest paid employee  
select * from EMPLOYEE order by salary desc limit 1,1;  
  
-- Employee whose manager id is similar to employee id  
SELECT * FROM EMPLOYEE WHERE manager id in (select emp id from  
EMPLOYEE);
```