Payroll Calculation

1. Write a query to create the **employee** and **department** tables

SQL code: Employee table

CREATE TABLE lep_7.employee (
emp_id int NOT NULL,
f_name varchar(45) NULL,
l_name varchar(45) NOT NULL,
job_id varchar(45) NOT NULL,
salary decimal(8,2) NOT NULL,
manager_id int NOT NULL,
dept_id varchar(45) NOT NULL,
PRIMARY KEY(emp_id));

SQL code: Department table

CREATE TABLE lep_7.department (
dept_id int NOT NULL,
dept_name varchar(45) NOT NULL,
location varchar(45) NULL,
manager_id varchar(45) NULL,
PRIMARY KEY(dept_id));

2. Write a query to insert values into the **employee** and **department** tables

SQL code: Employee table

INSERT INSERT INTO lep_7. employee (emp_id,f_name,l_name,job_id,salary,manager_id,dept_id) VALUES ('103','krishna','gee','HP125','500000','05','44')

SQL code: Department table

INSERT INTO lep_7. department (dept_id,dept_name,location,manager_id) VALUES ('24','production','india','2');

3. Write a query to create a view of the **employee** and **department** tables

SQL code:

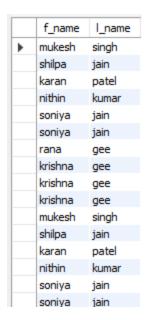
CREATE VIEW emp AS SELECT f_name,l_name,salary ,dept_name,location,emp_id FROM lep_7.employee,lep_7.department WHERE l_name = 'jain';

4. Write a query to display the first and last names of every employee in the **employee** table whose salary is greater than the average salary of the employees listed in the **SQL basics** table

SQL code:

SELECT e.f_name,e.l_name FROM lep_7.employee e,sqlbasics.emp s WHERE e.salary > s.salary;

Output:



5. Write a query to change the delimiter to //

SQL code:

delimiter //

6. Write a query to create a stored procedure in the **employe**e table for every employee whose salary is greater than or equal to 250,000

SQL code:

delimiter;;

```
use lep_7;
SELECT * from employee;
delimiter &&
CREATE PROCEDURE top_salarys()
BEGIN
SELECT job_id,f_name,salary
FROM employee where salary>=250000;
END &&
```

7. Write a query to execute the stored procedure

SQL code:

call top_salarys();

Output:

	job_id	f_name	salary
•	HP125	krishna	500000.00
	HP122	rana	250000.00
	HP121	soniya	400000.00
	HP120	nithin	300000.00
	HP126	karan	300001.00
	HP127	shilpa	300001.00
	HP128	mukesh	300001.00

8. Write a query to create and execute a stored procedure with one parameter using the **order by** function in descending order of the salary earned

SQL code:

delimiter //

CREATE PROCEDURE sort_salarys(IN var INT)

BEGIN

SELECT job_id,f_name,salary

FROM employee ORDER BY salary DESC LIMIT var;

end //

delimiter;

call sort_salarys(3);

Output:

	job_id	f_name	salary
•	HP125	krishna	500000.00
	HP121	soniya	400000.00
	HP126	karan	300001.00