-- Write a query to display all the first\_name in upper case

select Upper(FIRST\_NAME ) from Worker

-- Write a querty to display unique department from workers table

select distinct(DEPARTMENT ) from worker

-- Write an SQL query to print the first three characters of FIRST\_NAME from Worker table

select substr(FIRST\_NAME,1,3) from worker

-- Write an SQL query to find the position of the alphabet (‘a’) in the first name column ‘Amitabh’ from Worker table.

select position('a' in FIRST\_NAME) as match\_location from worker where first\_name='Amitabh'

-- Write an SQL query that fetches the unique values of DEPARTMENT from Worker table and prints its length

select distinct department ,length(department) from worker

-- Write an SQL query to print all Worker details from the Worker table order by FIRST\_NAME Ascending and DEPARTMENT Descending

select \* from worker

order by first\_name asc,department desc

-- Write a query to get workers whose name are Vipul and Satish

select \* from worker where lower(first\_name) in ('vipul','satish')

-- Write an SQL query to print details of the Workers whose FIRST\_NAME contains 'a'

select \* from worker where first\_name like'%a%'

-- Write an SQL query to print details of the Workers whose FIRST\_NAME ends with ‘h’ and contains six alphabets

select \* from worker where first\_name like '\_\_\_\_\_h'

-- Write an SQL query to print details of the Workers whose SALARY lies between 100000 and 500000

select \* from worker where salary between 100000 and 500000

-- Write an SQL query to print details of the Workers who have joined in Feb’2014

select \* from worker where month(joining\_date)=2

-- Write an SQL query to fetch the count of employees working in the department ‘Admin’

select count(\*) from worker where department='Admin'

-- Write an SQL query to fetch the no. of workers for each department in the descending order

select department,count(\*) as no\_of\_workers from worker

group by department order by no\_of\_workers desc

-- Write a query to display workerrs who are managers

select w.first\_name from worker w join title t

on WORKER\_REF\_ID=WORKER\_REF\_ID where lower(worker\_title) ='manager'

-- Write query to find duplicate rows title table

select WORKER\_REF\_ID,count(\*) from title

group by WORKER\_REF\_ID

having count(\*)>1

-- Write an SQL query to show all workers who got the bonus along with bonus amount

select distinct(worker.first\_name) from worker inner join bonus

on worker\_id=worker\_ref\_id

-- Write a query to find employees in worker table that do not exist in bonus table (ie did not get bonus)

select First\_name from worker

where first\_name not in (select distinct(worker.first\_name) from worker inner join bonus

on worker\_id=worker\_ref\_id )

-- Write a query to find the highest 2 salaries

select distinct(salary) from worker

order by salary desc

limit 2

-- Find 2nd highest without using TOP or LIMIT

select max(salary) from worker

where salary not in (select max(salary) from worker)

-- Find people who have the same salary

select first\_name from worker

where salary in (select salary from worker

group by salary

having count(\*)>1)

-- Write a query to fetch 1st 50% records without using Top

WITH NumberedRows AS (

SELECT \*, ROW\_NUMBER() OVER () AS rn

FROM worker

)

SELECT \*

FROM NumberedRows

WHERE rn BETWEEN 0 AND (SELECT FLOOR(COUNT(\*) / 2) FROM NumberedRows);

-- Write a query to select a department with more than 3 people in worker table

select department from worker

group by department

having count(\*)>2

-- Write a query to select 1st and last row of a worker table

(select \* from worker

limit 1)

union

(select \* from worker

order by worker\_id desc limit 1)

-- Write a query to select last 5 entries from worker table

select \* from worker order by worker\_id desc limit 5

select \*,row\_number() over() as rn from worker order by rn desc

limit 5

-- Write a query to select people with highest salary in each group

select department,max(salary) from worker

group by department

-- Write a query to fetch departments along with the total salaries paid for each of them

select department,sum(salary) from worker

group by department

-- Write a query to fetch the names of workers who earn the highest salary

select first\_name from worker

where salary =(select max(salary) from worker)