ASSIGNMENT-08-03-2023

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/*1.   Write an SQL query to fetch “FIRST_NAME” from Worker table using the alias name as
<WORKER_NAME>.*/

 select FIRST_NAME as WORKER_NAME from worker

 /*2.  Write an SQL query to fetch “FIRST_NAME” from Worker table in upper case.*/

 select upper(FIRST_NAME) as WORKER_NAME_UPPER from worker

 /*3.   Write an SQL query to fetch unique values of DEPARTMENT from Worker table.*/

 select distinct(DEPARTMENT) from worker

 /*4.  Write an SQL query to print the first three characters of  FIRST_NAME from Worker
table.*/

 select substring(FIRST_NAME, 1,3) as FIRST_THREE_CHARS_OF_FNAME from worker

 /*5.  Write an SQL query to find the position of the alphabet (‘a’) in the first name
column ‘Amitabh’ from Worker table.*/

 select charindex('a', FIRST_NAME) as pos from worker where FIRST_NAME = 'amitabh'

 /*6.  Write an SQL query to print the FIRST_NAME from Worker table after removing white
spaces from the right side.*/

 select rtrim(FIRST_NAME) as RTRIM_FIRST_NAME from worker

 /*7.  Write an SQL query to print the DEPARTMENT from Worker table after removing white
spaces from the left side.*/

 select ltrim(DEPARTMENT) as LTRIM_DEPARTMENT from worker

/*8.   Write an SQL query that fetches the unique values of DEPARTMENT from Worker table
and prints its length.*/

 /*select distinct(DEPARTMENT) from worker*/
select distinct(len(DEPARTMENT)) as lengthOfDistinctRoles from worker

/*9.   Write an SQL query to print the FIRST_NAME from Worker table after replacing ‘a’
with ‘A’.*/

Select replace(FIRST_NAME,'a','A') as REPLACE_a_WITH_A from Worker

/*10.  Write an SQL query to print the FIRST_NAME and LAST_NAME from Worker table into a
single column COMPLETE_NAME. A space char should separate them.*/

select FIRST_NAME +' '+ LAST_NAME as FULL_NAME from worker

/*11.  Write an SQL query to print all Worker details from the Worker table order by
FIRST_NAME Ascending.*/

select * from worker order by FIRST_NAME asc

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12.    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

/*13.  Write an SQL query to print details for Workers with the first name as “Vipul” and
“Satish” from Worker table.*/

select * from worker where FIRST_NAME in ('vipul', 'satish')

/*14.  Write an SQL query to print details of workers excluding first names, “Vipul” and
“Satish” from Worker table.*/

select * from worker where FIRST_NAME not in ('vipul', 'satish')

/*15.  Write an SQL query to print details of Workers with DEPARTMENT name as “Admin”.*/

select * from worker where DEPARTMENT in ('Admin')


/*16.  Write an SQL query to print details of the Workers whose FIRST_NAME contains
‘a’.*/

 select *from worker where FIRST_NAME like '%a%'

/*17.  Write an SQL query to print details of the Workers whose FIRST_NAME ends with
‘a’.*/

 select *from worker where FIRST_NAME like '%a'

/*18.  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'

/*19.  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

/*20.  Write an SQL query to print details of the Workers who have joined in Feb’2014.*/

Select * from Worker where year(JOINING_DATE) = 2014 and month(JOINING_DATE) = 2;

/*21.  Write an SQL query to fetch the count of employees working in the department
‘Admin’.*/

select count(*) as COUNT_OF_ADMIN from worker where DEPARTMENT in ('Admin')

/*22.   Write an SQL query to fetch worker names with salaries >= 50000 and <= 100000.*/

select * from worker where salary between 50000 and 100000

/*23.  Write an SQL query to fetch the no. of workers for each department in the
descending order.*/

select DEPARTMENT, count(*) as COUNT_OF_ROLES from worker group by DEPARTMENT
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/*24.  Write an SQL query to print details of the Workers who are also Managers.*/

select * from Worker where WORKER_ID in(select WORKER_REF_ID from Title where
WORKER_TITLE = 'Manager')

/*25.   Write an SQL query to fetch duplicate records having matching data in some fields
of a table.*/

select DEPARTMENT, count(DEPARTMENT) as COUNT_DE_PERSONAS from Worker group by DEPARTMENT
having count(DEPARTMENT) > 1
```