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|  | | DB LAB 02 | | | | |  | |
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|  | | | | Mohammad Basil Ali Khan(20K-0477) |  | | | |
|  | | | | 09 September 2022—Database and Management System—Sir Ahmed Budhi |  | | | |
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**Task#01:**

SELECT INITCAP(FIRST\_NAME), LOWER(JOB\_ID)

FROM HR.EMPLOYEES;



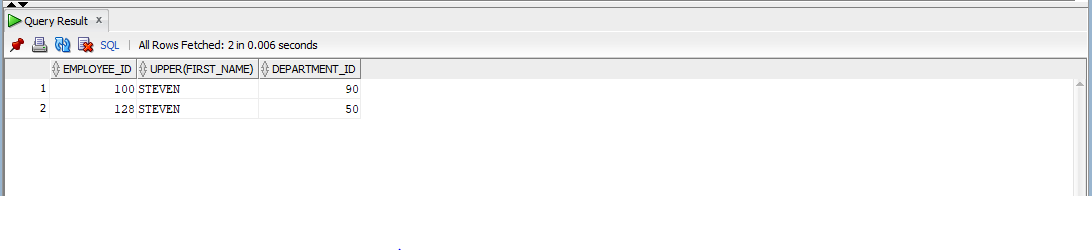
**Task#02:**

**--**Blake was not there in table so consider Steven

SELECT EMPLOYEE\_ID, UPPER(FIRST\_NAME), DEPARTMENT\_ID

FROM HR.EMPLOYEES

WHERE first\_name = 'Steven';



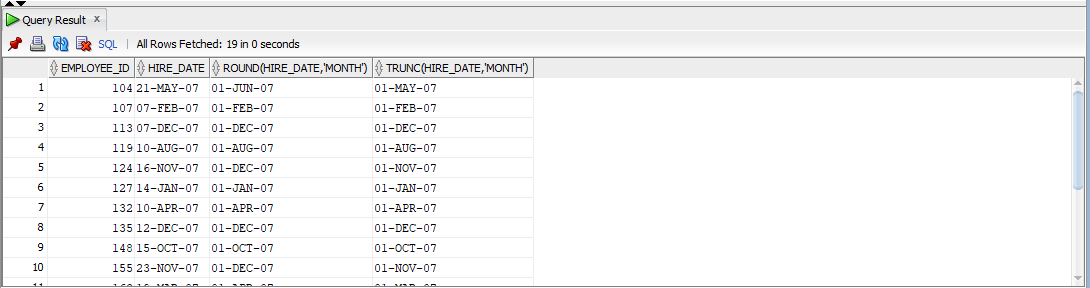
**Task#03:**

--1982 was not there so consider 07

SELECT EMPLOYEE\_ID, HIRE\_DATE, ROUND(HIRE\_DATE, 'MONTH'), TRUNC(HIRE\_DATE, 'MONTH')

FROM HR.EMPLOYEES

WHERE HIRE\_DATE LIKE '%07';



**Task#04:**

SELECT EMPLOYEE\_ID, EXTRACT(MONTH FROM HIRE\_DATE) AS MONTH\_NUMBER, EXTRACT(YEAR FROM HIRE\_DATE) AS YEAR\_HIRED

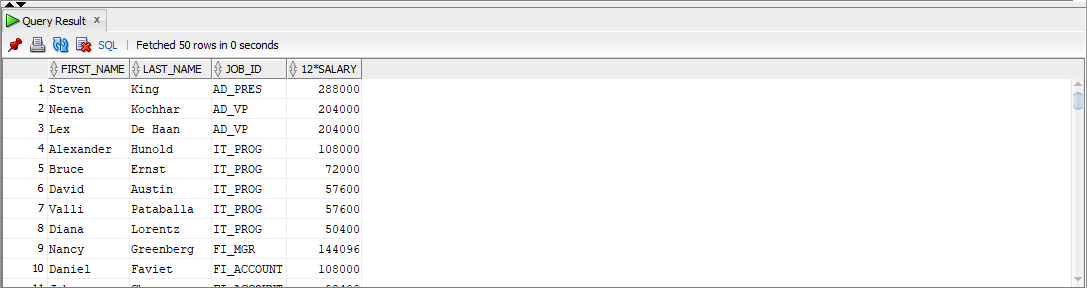
FROM HR.EMPLOYEES;



**Task#05:**

SELECT FIRST\_NAME, LAST\_NAME , JOB\_ID, 12 \* SALARY

FROM HR.EMPLOYEES;

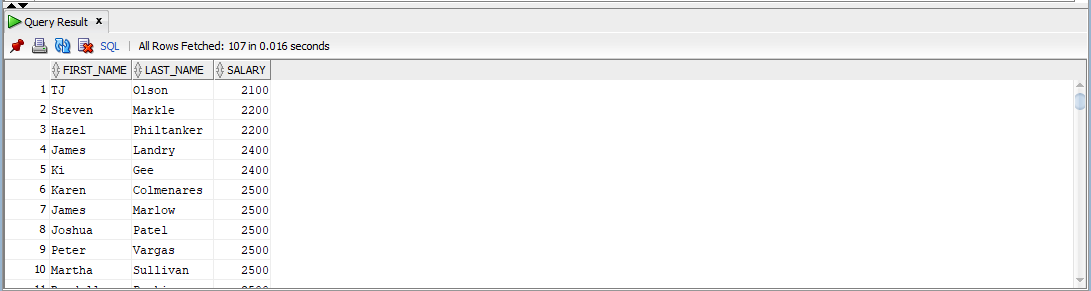


**Task#06:**

SELECT FIRST\_NAME, LAST\_NAME, SALARY

FROM HR.EMPLOYEES

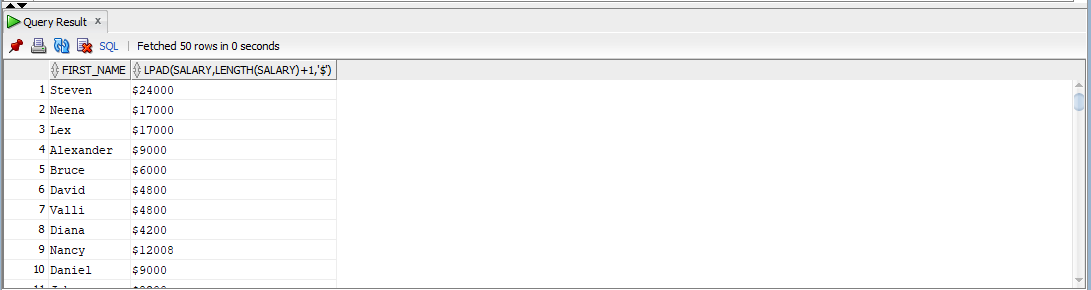
ORDER BY SALARY;



**Task#07:**

SELECT FIRST\_NAME, LPAD(SALARY, LENGTH(SALARY) + 1, '$')

FROM HR.EMPLOYEES;

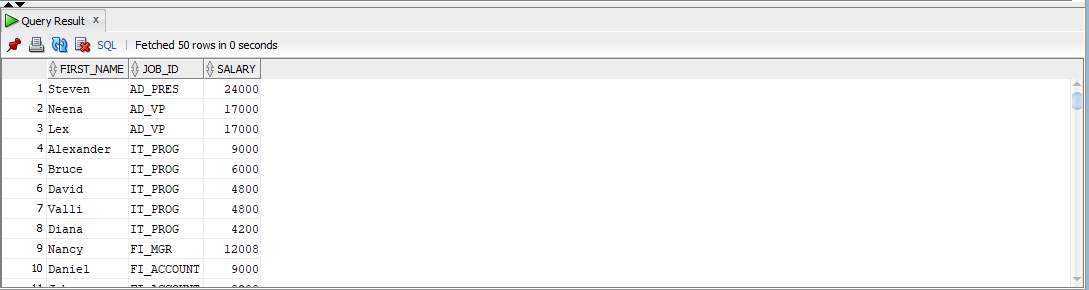


**Task#08:**

SELECT FIRST\_NAME, JOB\_ID, SALARY

FROM HR.EMPLOYEES

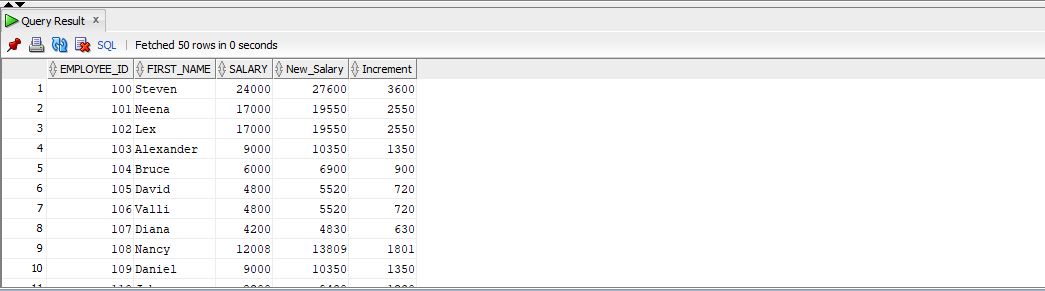
WHERE (SALARY/30) > 100;



**Task#09:**

SELECT EMPLOYEE\_ID, FIRST\_NAME, SAlARY, ROUND(SALARY + SALARY \* 15/100, 0) AS "New\_Salary", ROUND(SALARY + SALARY \* 15/100, 0) - SALARY AS "Increment"

FROM HR.EMPLOYEES;



**Task#10:**

SELECT FIRST\_NAME, NVL(TO\_CHAR(COMMISSION\_PCT), 'No Commision') as COMMISSION\_PCT

FROM HR.EMPLOYEES;



**Task#11:**

SELECT FIRST\_NAME, LAST\_NAME, HIRE\_DATE , EXTRACT(DAY FROM HIRE\_DATE) AS "DAY"

FROM HR.EMPLOYEES;



**Task#12:**

SELECT INITCAP(FIRST\_NAME) As "Name", LENGTH(FIRST\_NAME) As "Length"

FROM HR.EMPLOYEES

WHERE FIRST\_NAME LIKE 'J%' OR FIRST\_NAME LIKE 'M%' OR FIRST\_NAME LIKE 'A%';



**Task#13:**

--No employee was 35 years old so consider 20

SELECT FIRST\_NAME, LAST\_NAME, EXTRACT(YEAR FROM HIRE\_DATE) AS "JOINED YEAR", EXTRACT(YEAR FROM CURRENT\_DATE) AS "CURRENT YEAR"

FROM HR.EMPLOYEES

WHERE EXTRACT(YEAR FROM CURRENT\_DATE) - EXTRACT(YEAR FROM HIRE\_DATE) = 20;



**Task#14:**

SELECT SUM(SALARY)

FROM HR.EMPLOYEES;

