Logo

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P19-0085

DATABASE- SYSTEMS LAB

LAB # 07:

**Sub-Queries:**

SELECT \* FROM THEMEPARK;

**Text

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SELECT AVG(TICKET\_PRICE) FROM TICKET;

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SELECT TICKET\_NO, TICKET\_TYPE, TICKET\_PRICE FROM TICKET WHERE TICKET\_PRICE >= (SELECT AVG(TICKET\_PRICE) FROM TICKET);

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SELECT PARK\_CODE, SUM(LINE\_QTY) FROM SALES\_LINE NATURAL JOIN TICKET GROUP BY PARK\_CODE HAVING SUM(LINE\_QTY) >

(SELECT AVG(LINE\_QTY) FROM SALES\_LINE);

**Text

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SELECT TICKET\_NO, PARK\_CODE, TICKET\_PRICE

FROM TICKET

WHERE TICKET\_PRICE > ALL (SELECT TICKET\_PRICE FROM TICKET

WHERE TICKET\_TYPE = 'CHILD');

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SELECT TICKET\_NO, TICKET\_PRICE,

(SELECT AVG(TICKET\_PRICE) FROM TICKET) AS AVGPRICE,

TICKET\_PRICE - (SELECT AVG(TICKET\_PRICE) FROM TICKET) AS DIFF

FROM TICKET;

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SELECT TRANSACTION\_NO, LINE\_NO, LINE\_QTY, LINE\_PRICE

FROM SALES\_LINE SL

WHERE SL.LINE\_QTY > (SELECT AVG(LINE\_QTY)

FROM SALES\_LINE SA

WHERE SA. TRANSACTION\_NO = SL. TRANSACTION\_NO);

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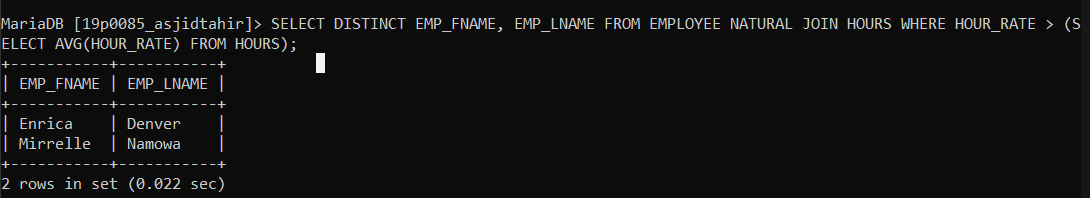
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Exercises:

--LAB EXERCISES

--EXERCISE NO 1:

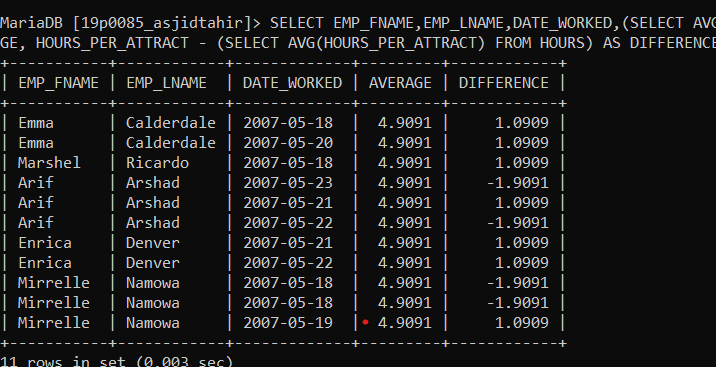
SELECT DISTINCT EMP\_FNAME, EMP\_LNAME FROM EMPLOYEE NATURAL JOIN HOURS WHERE HOUR\_RATE > (SELECT AVG(HOUR\_RATE) FROM HOURS);



--EXERCISE NO 2:

SELECT EMP\_FNAME,EMP\_LNAME,DATE\_WORKED,(SELECT AVG(HOURS\_PER\_ATTRACT) FROM HOURS) AS AVERAGE, HOURS\_PER\_ATTRACT -

(SELECT AVG(HOURS\_PER\_ATTRACT) FROM HOURS) AS DIFFERENCE FROM EMPLOYEE NATURAL JOIN HOURS;



--EXERCISE NO 3:

SELECT ATTRACT\_CAPACITY FROM ATTRACTION WHERE ATTRACT\_CAPACITY <= (SELECT AVG(ATTRACT\_CAPACITY) FROM ATTRACTION);

