**QUESTIONS ON NESTED SUBQUERY**

1. WAQTD 3RD MAXIMUM SALARY FROM TEACHERS TABLE.

ANS: SELECT MAX(SALARY)

FROM TEACHER

WHERE SALARY <( SELECT MAX(SALARY)

FROM TEACHER

WHERE SALARY<( SELECT MAX(SALARY)

FROM TEACHER));

1. WAQTD 3RD MINIMUM SALARY FROM TEACHERS TABLE.

ANS: SELECT MIN(SALARY)

FROM TEACHER

WHERE SALARY >( SELECT MIN(SALARY)

FROM TEACHER

WHERE SALARY>( SELECT MIN(SALARY)

FROM TEACHER));

1. WAQTD 3RD MAXIMUM STUDENT\_ID IN STUDENT TABLE.

ANS: SELECT MAX(SID)

FROM STUDENT

WHERE SALARY <( SELECT MAX(SID)

FROM STUDENT

WHERE SALARY<( SELECT MAX(SID)

FROM STUDENT));

1. WAQTD NAME OF THE STUDENT WHO HAVE 2ND MINIMUN STUDENT\_ID

ANS: SELECT SNAME

FROM STUDENT

WHERE SID =(SELECT MIN(SID)

FROM STUDENT

WHERE SID>(SELECT MIN(SID)

FROM STUDENT));

1. WAQTD DETAILS OF TEACHER WHO IS EARNING 2ND MAXIMUM SALARY

ANS: SELECT \*

FROM TEACHER

WHERE SID =(SELECT MAX(SALARY)

FROM TEACHER

WHERE SID>(SELECT MAX(SALARY)

FROM TEACHER));

1. WAQTD NAME AND BRANCH OF STUDENTS WHOSE TEACHER IS EARNING 2ND MIN SALARY.

ANS: SELECT SNAME,BRANCH

FROM STUDENT

WHERE TID =(SELECT TID

FROM TEACHER

WHERE SALARY=(SELECT MIN(SALARY)

FROM TEACHER

WHERE SALARY>(SELECT MIN(SALARY)

FROM TEACHER)));

1. WAQTD DETAILS OF STUDENTS WHOSE TEACHER IS EARNING 3RD MAX SALARY.

ANS: SELECT \*

FROM STUDENT

WHERE TID =(SELECT TID

FROM TEACHER

WHERE SALARY=(SELECT MAX(SALARY)

FROM TEACHER

WHERE SALARY<(SELECT MAX(SALARY)

FROM TEACHER

WHERE SALARY<(SELECT MAX(SALARY)

FROM TEACHER))));

1. WAQTD NAME,BRANCH AND DOB OF STUDENTS WHO 3RD MAX DOB IN STUDENT TABLE.

ANS: SELECT SNAME,BRANCH,DOB

FROM STUDENT

WHERE DOB IN (SELECT MAX(DOB)

FROM STUDENT

WHERE DOB < (SELECT MAX(DOB)

FROM STUDENT

WHERE DOB<(SELECT MAX(DOB)

FROM STUDENT)));

1. WAQTD DETAILS OF TEACHERS WHO HIRED 2ND IN TEACHERS TABLE.

ANS: SELECT \*

FROM TEACHER

WHERE HIREDATE IN (SELECT MIN(HIREDATE)

FROM TEACHER

WHERE HIREDATE >(SELECT MIN(HIREDATE)

FROM TEACHER));

1. WAQTD NAME OF THE TEACHER WHO HIRED LAST 2ND IN TEACHER TABLE.

ANS: SELECT TNAME

FROM TEACHER

WHERE HIREDATE IN (SELECT MAX(HIREDATE)

FROM TEACHER

WHERE HIREDATE<(SELECT MAX(HIREDATE)

FROM TEACHER));

1. WAQTD DETAILS OF TEACHER ALONG WITH ANNUAL SALARY WHO IS EARNING 2ND MAXIMUN ANNUAL SALARY.

ANS: SELECT TEACHER.\*,SALARY\*12 AS ANNUAL\_SALARY

FROM TEACHER

WHERE SALARY\*12 IN (SELECT MAX(SALARY\*12)

FROM TEACHER

WHERE SALARY\*12 < (SELECT MAX(SALARY\*12)

FROM TEACHER));

1. WAQTD NAME AND SALARY OF TEACHER ALONG WITH ANNUAL SALARY WHO IS EARNING 2ND MIN ANNUAL SALARY.

ANS: SELECT TNAME,SALARY,SALARY\*12

FROM TEACHER

WHERE SALARY\*12 IN (SELECT MIN(SALARY\*12)

FROM TEACHER

WHERE SALARY\*12 > (SELECT MIN(SALARY\*12)

FROM TEACHER));

1. WAQTD NAME,BRANCH AND DOB OF STUDENTS WHO 2ND MIN DOB IN STUDENT TABLE.

ANS: SELECT SNAME,BRANCH,DOB

FROM STUDENT

WHERE DOB IN (SELECT MIN(DOB)

FROM STUDENT

WHERE DOB > (SELECT MIN(DOB)

FROM STUDENT));

1. WAQTD DETAILS OF STUDENTS WHOSE TEACHER IS EARNING 2ND MAX SALARY.

ANS: SELECT \*

FROM STUDENT

WHERE TID =(SELECT TID

FROM TEACHER

WHERE SALARY=(SELECT MAX(SALARY)

FROM TEACHER

WHERE SALARY<(SELECT MAX(SALARY)

FROM TEACHER)));

1. WAQTD NAME AND EXPERIENCE OF TEACHER WHO HAVE 3RD MAX DOB IN STUDENT TABLE.

ANS: SELECT TNAME,EXPERIENCE

FROM TEACHER

WHERE TID IN (SELECT TID

FROM STUDENT

WHERE DOB IN (SELECT MAX(DOB)

FROM STUDENT

WHERE DOB < (SELECT MAX(DOB)

FROM STUDENT

WHERE DOB<(SELECT MAX(DOB)

FROM STUDENT))));

1. WAQTD DETAILS OF STUDENTS WHO ARE HAVING TEACHERS WITH 3RD MAX EXPERIENCE.

ANS: SELECT \*

FROM STUDENT

WHERE TID IN (SELECT TID

FROM TEACHER

WHERE EXPERIENCE =(SELECT MAX(EXPERIENCE)

FROM TEACHER

WHERE EXPERIENCE <(SELECT MAX(EXPERIENCE)

FROM TEACHER

WHERE EXPERIENCE <(SELECT MAX(EXPERIENCE)

FROM TEACHER))));

1. WAQTD DETAILS OF STUDENTS WHO ARE HAVING TEACHERS WITH 2ND MIN EXPERIENCE.

ANS: SELECT \*

FROM STUDENT

WHERE TID IN (SELECT TID

FROM TEACHER

WHERE EXPERIENCE =(SELECT MIN(EXPERIENCE)

FROM TEACHER

WHERE EXPERIENCE >(SELECT MIN(EXPERIENCE)

FROM TEACHER)));

1. WAQTD NAME OF TEACHERS WHOSE STUDENTS HAVE 2ND MIN DOB IN STUDENT TABLE.

ANS: SELECT TNAME

FROM TEACHER

WHERE TID IN (SELECT TID

FROM STUDENT

WHERE DOB IN (SELECT MIN(DOB)

FROM STUDENT

WHERE DOB > (SELECT MIN(DOB)

FROM STUDENT));

1. WAQTD DETAILS OF TEACHERS WHOSE STUDENTS HAVE 3RD MAX DOB IN STUDENT TABLE.

ANS: SELECT \*

FROM TEACHER

WHERE TID IN (SELECT TID

FROM STUDENT

WHERE DOB IN (SELECT MAX(DOB)

FROM STUDENT

WHERE DOB < (SELECT MAX(DOB)

FROM STUDENT

WHERE DOB < (SELECT MAX(DOB)

FROM STUDENT))));

1. WAQTD NAME AND DOB OF STUDENTS WHOSE TEACHER IS EARNING 3RD MIN ANNUAL SALARY.

ANS: SELECT SNAME,DOB

FROM STUDENT

WHERE TID IN (SELECT TID

FROM TEACHER

WHERE SALARY\*12 = (SELECT MIN(SALARY\*12)

FROM TEACHER

WHERE SALARY\*12 > (SELECT MIN(SALARY\*12)

FROM TEACHER

WHERE SALARY\*12 > (SELECT MIN(SALARY\*12)

FROM TEACHER))));