10 Examples of Subquery:

Emp_ID	Emp name	job-name	manager_id	hire date	salary	commission	dep_id
150	Sarah	Consultant	11	05/04/2019	20000	0.00	100
242	Raaki	Programmer	2	11-05-2020	50000	0.00	200
315	Satya	Developer	3	14-03-2018	40000	0.00	300
420	Tara	Analyst	4	08-12-2020	30000	0.00	400
530	Mani	Tester,	5	19-08-2021	35000	0.00	500

1 Overy to display name for those employees who gets more salary than the employee whose ld is 530.

solect Emp_name from Employee Where salary >

(Select salary from Employee Where Emp_id = 530)

Output:

Emp. rame	
Şarah	Tipe
Raaki	601
Satya	601

a find all Employees whose salaries are greater than the average salary of all employees.

Select Emp_ID, Emp_name, Salary from Employee Where salary >
(Select AVG (salary) from Employee)

Output

5mp_10	Emp_name	salary
150	Sarah	70000
242	Raaki	50000

(id, nomer, salony) Contains

(id, nomer, salony) Contains

(id, nomer, salony)

(id, nomer,

Select Emp_10, Emp_name, salary from Employee lathere
salary IN (select salary from Employee where job_name like

1-e7.1)

1	Smp 10	Emp. name	Jalany
	2992	Rodki	308 - F 1530
	315	satya	40000
	530	Mani	35000.

Find department id & calony for all employees between deptid 200 gayos
deptid

Select deptid, any salary from Employee where salary 418

(Select deptid from Employee where deptid. Between 200 and 400)

Emp_name	salary	dep-id
Raati	50000	200
Satya	40000	300
Tara	30000	400

Find a guery for each employee along with average salary for all select Emp-id, Emp. nome, salary, (employees

select ang (salary) from Employee) As. ang_salary

from Employee;

-	Emp 2B	Emp. name	salary	avg_salary
	150	Sarah	70,000	42000
	242	Raaki	50000	43000
	315	Satya	40000	43000
	420	Tara	30000	43000
1	T20 /	Mani	37000	43000

8

Student 10	Name	1
Vooi	Matt	
U002	Joe	
VOOY	Glory Alex	

Stu-ID	Marks
V001	95
V002	80
V003	74
V004	81

@ Query to identify all students who get better marks than that of student whose student ID is 'vooz'

Select a student ID, a Mame, b. Marks from Student a, Marks b

Where a student ID = b sty ID AND b. Marks > (

Select Marks from Marks Where stu ID = 'Vooz');

p:	Tobe to	The till	L. Jan
	stu_ID	Name	Marks
	V001	Matt	95
	VOOY	Alex	81

To display Name, Marks, stu-ID of students from Marks table whose select Name, Marks, stu-ID. from Marks. where stu-ID in (Select stu-ID from Student Where Name = 'Matt').

0/p:	stu_ID	Name	Marks
	Voor	Mate	95

Select Name, Marley, stu-ID from Marky where stu-ID IN

[select stu-ID from Hudert where Name = Joe!)

olp:	du_10	Name	Marks	1
	Vooy	dlex	81	1
				1

Celeut Name, stu-ID from Marks Where stu-ID IN. (select stu-ID from student where stame = '9bys)

stu-In	Name
V003	Glory
THE ATE	the sea the take

Select Name, stu-ID, marks from Marks where stu-ID= 'VODY')

(Select Marks from Marks where stu-ID= 'VODY')

Name	Hu-ID	Marks
glong	W002 W003	80

INNER join: Return records that have matching value in both tables. @ Course 1 Student rollon councid age phono add vollno name 19 101 12345 delhi abc 201 20 67890 hyd pgr 301 21 74321 kerala *1) Scheet student name, student age, Course courseid from student xyz inner join Course on student rollno = Course rollno. course id age name Output. what (south Total) 101 moletony 19 abc 201 directardays > 301. 21 242 2) select student add, student phno, course course id from student inner join Course on student-rolling = Course-rolling courseid . phnna add = Edit - Hr movies) 12345 delhi 101 201 hyd 67890 (dearst trates 301. 74321 berala select & from student inner join Course on student, wilmo = Course not ho councid rollyo add phnna yame age rollyo 12345 delhi 101 abc 20 hyd 6-1890 201 2 par

74321

Kerala

21

3

301

2

3

ryt

Left Outer join c

Returns all records from left table & matched records from right table &: Select Student name, Course courseid. from student left join General on Course rolling = Student nolling;

name	counc id.	T
abc	101	
pgr	201	
2y 2	301	

2 Select Emp_name, orderNymber from Employee LEFT JOHN Orders on Employee. emp_ID = Orden.ID;

Emp-name	orderNumber
Sarah	1111
Roaki	2222
Satya	MOLL
Tara	3333
Mani	NULL

3) select stu_ID, Marks from student LEFT JOIN Marks on student. Stu_ID = Marks, stu_ID.;

stu-ID	Marla
Vool	9r
V002	80
LOOY	81
NOOL	NOLL

Right Outer Join: Returns all records from right table, & matched records from left table

Fr: Select Student name, Course Councild from student
Right JOIN Course ON student rolling = Counc. Southpp;

name	councid
abc	(0)
	201
pgr mz	301

Ex: Select Emp_name, order Number hom Employee PIGHT JOIN/
Orders on Employee. Emp. viewer id = Order = ID;

Emp-name	orderNømber
Sarah	till
Roati	2222
Tara	3333

Ex:- Select stu-ID, Marks from student RIGHT JOHN

Marks on Student. stu-ID = Marks. stu-ID

Ph-ID	Marlo
Vool	95
U002	80
4003	74
V004	81
MULL	90

Full poin: - Returns all records when there is a match in either left(or)
right side table

Ex:- Select student pame, Course Gourse_ID from student
full goin Course on Bourse-rolling = student rolling.

Mame	Councid
abc	101
par	201
xyz	301

Ex: - Select Emp_name, order Number from Employee FULL JOIN Orders ON COURSE FOLLY Employee. Emp_id = Order. 10.;

Emp-name	Order Number
Sarah	11[1
Satya	NULL
Jara Mani	3333 NOTF

Ext. Select stu-ID, Marks from student FUL JOHN

Marks on student. Itu_ID = Marks. stu-ID

stu_ID	Mark
VOOL	as
11000	80
V003	14
4004	81
MOST	NULL
NULL	90