

Table – EmployeeDetails

EmpId	FullName	ManagerId	DateOfJoining	City
121	John Snow	321	01/31/2014	Toronto
321	Walter White	986	01/30/2015	California
421	Kuldeep Rana	876	27/11/2016	New Delhi

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```
1 create table EmployeeDetails(  
2 EmpId number(10),  
3 FullName varchar(50),  
4 ManagerId number(10),  
5 DateOfJoining varchar(20),  
6 City varchar(30),  
7 primary key(EmpId)  
8 );  
9  
10 create table EmployeeSalary(  
11 EmpId number,  
12 project_ varchar(50),  
13 Salary number,  
14 Variable_ number ,  
15 foreign key(EmpId) References EmployeeDetails(EmpId)  
16 );  
17  
18 INSERT INTO EmployeeDetails(EmpId, FullName, ManagerId, DateOfJoining, City) VALUES(121,'John Snow',321,'01\31\2014','Toronto');  
19 INSERT INTO EmployeeDetails(EmpId, FullName, ManagerId, DateOfJoining, City) VALUES(321,'Walter White',986,'01/30/2015','California');  
20 INSERT INTO EmployeeDetails(EmpId, FullName, ManagerId, DateOfJoining, City) VALUES(421,'Kuldeep Rana',876,'27/11/2016','New Delhi');  
21  
22 select * from EmployeeDetails;  
23 INSERT INTO EmployeeSalary VALUES(121,"P1",8000,500);  
24 INSERT INTO EmployeeSalary VALUES(321,"P2",10000,1000);  
25 INSERT INTO EmployeeSalary VALUES(421,"P3",12000,0);  
26
```

EMPID	FULLNAME	MANAGERID	DATEOFJOINING	CITY
121	John Snow	321	01\31\2014	Toronto
321	Walter White	986	01/30/2015	California
421	Kuldeep Rana	876	27/11/2016	New Delhi

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Table – EmployeeSalary

EmpId	Project	Salary	Variable
121	P1	8000	500
321	P2	10000	1000
421	P1	12000	0

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28

INSERT INTO EmployeeDetails(EmpId, FullName, ManagerId, DateOfjoining, City) VALUES(121,'John Snow',321,'01\31\2014','Toronto');

INSERT INTO EmployeeDetails(EmpId, FullName, ManagerId, DateOfjoining, City) VALUES(321,'Walter White',986,'01/30/2015','California');

INSERT INTO EmployeeDetails(EmpId, FullName, ManagerId, DateOfjoining, City) VALUES(421,'Kuldeep Rana',876,'27/11/2016','New Delhi');

select * from EmployeeDetails;

INSERT INTO EmployeeSalary(EmpId, project_, Salary, Variable_) VALUES(121,'P1',8000,500);

INSERT INTO EmployeeSalary(EmpId, project_, Salary, Variable_) VALUES(321,'P2',10000,1000);

INSERT INTO EmployeeSalary (EmpId, project_, Salary, Variable_) VALUES(421,'P1',12000,0);

select * from EmployeeSalary;

EMPID	PROJECT_	SALARY	VARIABLE_
121	P1	8000	500
321	P2	10000	1000
421	P1	12000	0

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Ques.1. Write an SQL query to fetch the EmpId and FullName of all the employees working under Manager with id – '876'.

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```
9 //
10 create table EmployeeSalary(
11 EmpId number,
12 project_ varchar(50),
13 Salary number,
14 Variable_ number ,
15 foreign key(EmpId) References EmployeeDetails(EmpId)
16 );
17
18 INSERT INTO EmployeeDetails(EmpId, FullName, ManagerId, DateOfJoining, City) VALUES(121,'John Snow',321,'01\31\2014','Toronto');
19 INSERT INTO EmployeeDetails(EmpId, FullName, ManagerId, DateOfJoining, City) VALUES(321,'Walter White',986,'01/30/2015','California');
20 INSERT INTO EmployeeDetails(EmpId, FullName, ManagerId, DateOfJoining, City) VALUES(421,'Kuldeep Rana',876,'27/11/2016','New Delhi');
21
22 select * from EmployeeDetails;
23
24 INSERT INTO EmployeeSalary(EmpId, project_, Salary, Variable_) VALUES(121,'P1',8000,500);
25 INSERT INTO EmployeeSalary(EmpId, project_, Salary, Variable_) VALUES(321,'P2',10000,1000);
26 INSERT INTO EmployeeSalary (EmpId, project_, Salary, Variable_) VALUES(421,'P3',12000,0);
27
28 select * from EmployeeSalary;
29
30 SELECT EmpId,FullName FROM EmployeeDetails WHERE Managerid=876
31
32
33
```

EMPID	FULLNAME
421	Kuldeep Rana

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Ques.2. Write an SQL query to fetch the different projects available from the EmployeeSalary table.

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```
20 INSERT INTO EmployeeDetails(EmpId, FullName, ManagerId, DateOfJoining, City) VALUES(421, 'Kuldeep Rana', 876, '27/11/2016', 'New Delhi');
21
22 select * from EmployeeDetails;
23
24 INSERT INTO EmployeeSalary(EmpId, project_, Salary, Variable_) VALUES(121, 'P1', 8000, 500);
25 INSERT INTO EmployeeSalary(EmpId, project_, Salary, Variable_) VALUES(321, 'P2', 10000, 1000);
26 INSERT INTO EmployeeSalary(EmpId, project_, Salary, Variable_) VALUES(421, 'P3', 12000, 0);
27
28 select * from EmployeeSalary;
29
30 SELECT EmpId, FullName FROM EmployeeDetails WHERE Managerid=876
31
32 SELECT DISTINCT(project_) FROM EmployeeSalary;
33
34
35
```

PROJECT_
P1
P2
P3

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Ques.3. Write an SQL query to fetch the count of employees working in project 'P2'.

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```
select * from EmployeeDetails;

INSERT INTO EmployeeSalary(EmpId, project_, Salary, Variable_) VALUES(121,'P1',8000,500);
INSERT INTO EmployeeSalary(EmpId, project_, Salary, Variable_) VALUES(321,'P2',10000,1000);
INSERT INTO EmployeeSalary (EmpId, project_, Salary, Variable_) VALUES(421,'P3',12000,0);

select * from EmployeeSalary;

SELECT EmpId,FullName FROM EmployeeDetails WHERE Managerid=876

SELECT DISTINCT(project_) FROM EmployeeSalary;

SELECT COUNT(*) FROM EmployeeSalary WHERE project_='P2';
```

COUNT(*)

1

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Ques.4. Write an SQL query to find the maximum, minimum, and average salary of the employees.

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```
27 select * from EmployeeSalary;
28
29 SELECT EmpId,FullName FROM EmployeeDetails WHERE Managerid=876
30
31 SELECT DISTINCT(project_) FROM EmployeeSalary;
32
33 SELECT COUNT(*) FROM EmployeeSalary WHERE project_='P2';
34
35 SELECT EmpId,Salary FROM EmployeeSalary WHERE Salary BETWEEN 10000 AND 15000;
36
37
38 SELECT Max(Salary),
39 Min(Salary),
40 AVG(Salary)
41 FROM EmployeeSalary;
42
```

MAX(SALARY)	MIN(SALARY)	AVG(SALARY)
12000	8000	10000

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Ques.5. Write an SQL query to find the employee id whose salary lies in the range of 10000 and 15000.

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```
22 select * from EmployeeDetails;
23
24 INSERT INTO EmployeeSalary(EmpId, project_, Salary, Variable_) VALUES(121,'P1',8000,500);
25 INSERT INTO EmployeeSalary(EmpId, project_, Salary, Variable_) VALUES(321,'P2',10000,1000);
26 INSERT INTO EmployeeSalary (EmpId, project_, Salary, Variable_) VALUES(421,'P3',12000,0);
27
28 select * from EmployeeSalary;
29
30 SELECT EmpId,FullName FROM EmployeeDetails WHERE Managerid=876
31
32 SELECT DISTINCT(project_) FROM EmployeeSalary;
33
34 SELECT COUNT(*) FROM EmployeeSalary WHERE project_='P2';
35
36 SELECT EmpId,Salary FROM EmployeeSalary WHERE Salary BETWEEN 10000 AND 15000;
37
```

EMPID	SALARY
321	10000
421	12000

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Ques.6. Write an SQL query to fetch those employees who live in Toronto and work under manager with ManagerId – 121.

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```
30 SELECT EmpId,FullName FROM EmployeeDetails WHERE ManagerId=8/6
31
32 SELECT DISTINCT(project_) FROM EmployeeSalary;
33
34 SELECT COUNT(*) FROM EmployeeSalary WHERE project_='P2';
35
36 SELECT EmpId,Salary FROM EmployeeSalary WHERE Salary BETWEEN 10000 AND 15000;
37
38 SELECT Max(Salary),
39 Min(Salary),
40 AVG(Salary)
41 FROM EmployeeSalary;
42
43 SELECT EmpId, City, ManagerId FROM EmployeeDetails WHERE City='Toronto' AND ManagerId='121';
44
```

no data found

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Ques.7. Write an SQL query to fetch all the employees who either live in New Delhi or work under a manager with ManagerId – 321.

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```
30 SELECT EmpId,FullName FROM EmployeeDetails WHERE ManagerId=876
31
32 SELECT DISTINCT(project_) FROM EmployeeSalary;
33
34 SELECT COUNT(*) FROM EmployeeSalary WHERE project_='P2';
35
36 SELECT EmpId,Salary FROM EmployeeSalary WHERE Salary BETWEEN 10000 AND 15000;
37
38 SELECT Max(Salary),
39 Min(Salary),
40 AVG(Salary)
41 FROM EmployeeSalary;
42
43 SELECT EmpId, City, ManagerId FROM EmployeeDetails WHERE City='New Delhi' OR ManagerId='321';
44
```

EMPID	CITY	MANAGERID
121	Toronto	321
421	New Delhi	876

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Ques.8. Write an SQL query to fetch all those employees who work on Project other than P3.

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```
19 INSERT INTO EmployeeDetails(EmpId, FullName, ManagerId, DateOfJoining, City) VALUES(321,'Walter White',986,'01/30/2015','California');
20 INSERT INTO EmployeeDetails(EmpId, FullName, ManagerId, DateOfJoining, City) VALUES(421,'Kuldeep Rana',876,'27/11/2016','New Delhi');
21
22 select * from EmployeeDetails;
23
24 INSERT INTO EmployeeSalary(EmpId, project_, Salary, Variable_) VALUES(121,'P1',8000,500);
25 INSERT INTO EmployeeSalary(EmpId, project_, Salary, Variable_) VALUES(321,'P2',10000,1000);
26 INSERT INTO EmployeeSalary (EmpId, project_, Salary, Variable_) VALUES(421,'P1',12000,0);
27
28 select * from EmployeeSalary;
29
30 SELECT EmpId FROM EmployeeSalary WHERE NOT project_='P3';
```

EMPID
121
321
421

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Ques.9. Write an SQL query to display the total salary of each employee adding the Salary with Variable value.

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```
--
24 INSERT INTO EmployeeSalary(EmpId, project_, Salary, Variable_) VALUES(121,'P1',8000,500);
25 INSERT INTO EmployeeSalary(EmpId, project_, Salary, Variable_) VALUES(321,'P2',10000,1000);
26 INSERT INTO EmployeeSalary (EmpId, project_, Salary, Variable_) VALUES(421,'P1',12000,0);
27
28 select * from EmployeeSalary;
29
30 SELECT EmpId FROM EmployeeSalary WHERE NOT project_='P3';
31
32 SELECT EmpId,
33 Salary+Variable_ AS TotalSalary
34 FROM EmployeeSalary;
```

EMPID	TOTALSALARY
121	8500
321	11000
421	12000

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Ques.10. Write an SQL query to fetch the employees whose name begins with any two characters, followed by a text "lt" and ending with any sequence of characters.

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```
24 INSERT INTO EmployeeSalary(EmpId, project_, Salary, Variable_) VALUES(121,'P1',8000,500);
25 INSERT INTO EmployeeSalary(EmpId, project_, Salary, Variable_) VALUES(321,'P2',10000,1000);
26 INSERT INTO EmployeeSalary (EmpId, project_, Salary, Variable_) VALUES(421,'P1',12000,0);
27
28 select * from EmployeeSalary;
29
30 SELECT EmpId FROM EmployeeSalary WHERE NOT project_='P3';
31
32 SELECT EmpId,
33 Salary+Variable_ AS TotalSalary
34 FROM EmployeeSalary;
35
36 SELECT FullName FROM EmployeeDetails WHERE FullName LIKE '__lt%';
```

FULLNAME
Walter White

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Ques.11. Write an SQL query to fetch all the EmpIds which are present in either of the tables – 'EmployeeDetails' and 'EmployeeSalary'.

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```
26 INSERT INTO EmployeeSalary (EmpId, project_, Salary, variable_) VALUES (421, 'P1', 12000, 0);
27
28 select * from EmployeeSalary;
29
30 SELECT EmpId FROM EmployeeSalary WHERE NOT project_='P3';
31
32 SELECT EmpId,
33 Salary+Variable_ AS TotalSalary
34 FROM EmployeeSalary;
35
36 SELECT FullName FROM EmployeeDetails WHERE FullName LIKE '__lt%';
37
38 SELECT EmpId FROM EmployeeDetails UNION SELECT EmpId FROM EmployeeSalary;
```

EMPID
121
321
421

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Ques.12. Write an SQL query to fetch common records between two tables.

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```
28 SELECT * FROM EmployeeSalary;
29
30 SELECT EmpId FROM EmployeeSalary WHERE NOT project_='P3';
31
32 SELECT EmpId,
33 Salary+Variable_ AS TotalSalary
34 FROM EmployeeSalary;
35
36 SELECT FullName FROM EmployeeDetails WHERE FullName LIKE '__1t%';
37
38 SELECT EmpId FROM EmployeeDetails UNION SELECT EmpId FROM EmployeeSalary;
39
40 SELECT * FROM EmployeeSalary INTERSECT SELECT * FROM EmployeeDetails;
```

ORA-01789: query block has incorrect number of result columns

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Ques.13. Write an SQL query to fetch records that are present in one table but not in another table.

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```
28 SELECT * FROM EmployeeSalary;  
29  
30 SELECT EmpId FROM EmployeeSalary WHERE NOT project_='P3';  
31  
32 SELECT EmpId,  
33 Salary+Variable_ AS TotalSalary  
34 FROM EmployeeSalary;  
35  
36 SELECT FullName FROM EmployeeDetails WHERE FullName LIKE '__1t%';  
37  
38 SELECT EmpId FROM EmployeeDetails UNION SELECT EmpId FROM EmployeeSalary;  
39  
40 SELECT * FROM EmployeeSalary MINUS SELECT * FROM EmployeeDetails;
```

ORA-01789: query block has incorrect number of result columns

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Ques.14. Write an SQL query to fetch the EmpIds that are present in both the tables – 'EmployeeDetails' and 'EmployeeSalary'.

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30

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42

43

```
SELECT EmpId FROM EmployeeSalary WHERE NOT project_='P3';

SELECT EmpId,
Salary+Variable_ AS TotalSalary
FROM EmployeeSalary;

SELECT FullName FROM EmployeeDetails WHERE FullName LIKE '__1t%';

SELECT EmpId FROM EmployeeDetails UNION SELECT EmpId FROM EmployeeSalary;

SELECT * FROM EmployeeSalary MINUS SELECT * FROM EmployeeDetails;

SELECT EmpId FROM EmployeeDetails WHERE EmpId IN
(SELECT EmpId FROM EmployeeSalary);
```

EMPID
121
321
421

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Ques.15. Write an SQL query to fetch the EmpIds that are present in EmployeeDetails but not in EmployeeSalary.

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34 FROM EmployeeSalary;

35

36 SELECT FullName FROM EmployeeDetails WHERE FullName LIKE '__It%';

37

38 SELECT EmpId FROM EmployeeDetails UNION SELECT EmpId FROM EmployeeSalary;

39

40 SELECT * FROM EmployeeSalary MINUS SELECT * FROM EmployeeDetails;

41

42 SELECT EmpId FROM EmployeeDetails WHERE EmpId IN

43 (SELECT EmpId FROM EmployeeSalary);

44

45 SELECT EmpId FROM

46 EmployeeDetails

47 where EmpId Not IN

48 (SELECT EmpId FROM EmployeeSalary);

no data found

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Ques.16. Write an SQL query to fetch the employee full names and replace the space with '*'.

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```
36 SELECT FullName FROM EmployeeDetails WHERE FullName LIKE '__It%';
37
38 SELECT EmpId FROM EmployeeDetails UNION SELECT EmpId FROM EmployeeSalary;
39
40 SELECT * FROM EmployeeSalary MINUS SELECT * FROM EmployeeDetails;
41
42 SELECT EmpId FROM EmployeeDetails WHERE EmpId IN
43 (SELECT EmpId FROM EmployeeSalary);
44
45 SELECT EmpId FROM
46 EmployeeDetails
47 where EmpId Not IN
48 (SELECT EmpId FROM EmployeeSalary);
49
50 SELECT REPLACE(FullName, ' ', '*') FROM EmployeeDetails;
```

REPLACE(FULLNAME, ' ', '*')
John*Snow
Walter*White
Kuldeep*Rana

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Ques.17. Write an SQL query to fetch the position of a given character(s) in a field.

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```
38 SELECT EmpId FROM EmployeeDetails UNION SELECT EmpId FROM EmployeeSalary;
39
40 SELECT * FROM EmployeeSalary MINUS SELECT * FROM EmployeeDetails;
41
42 SELECT EmpId FROM EmployeeDetails WHERE EmpId IN
43 (SELECT EmpId FROM EmployeeSalary);
44
45 SELECT EmpId FROM
46 EmployeeDetails
47 where EmpId Not IN
48 (SELECT EmpId FROM EmployeeSalary);
49
50 SELECT REPLACE(FullName, ' ', '*') FROM EmployeeDetails;
51
52 SELECT INSTR(FullName, 'White') FROM EmployeeDetails;
```

INSTR(FULLNAME, 'WHITE')
0
8
0

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Ques.18. Write an SQL query to display both the EmpId and ManagerId together.

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```
40 SELECT * FROM EmployeeSalary MINUS SELECT * FROM EmployeeDetails;
41
42 SELECT EmpId FROM EmployeeDetails WHERE EmpId IN
43 (SELECT EmpId FROM EmployeeSalary);
44
45 SELECT EmpId FROM
46 EmployeeDetails
47 where EmpId Not IN
48 (SELECT EmpId FROM EmployeeSalary);
49
50 SELECT REPLACE(FullName, ' ', '*') FROM EmployeeDetails;
51
52 SELECT INSTR(FullName, 'White') FROM EmployeeDetails;
53
54 SELECT CONCAT(EmpId, ManagerId) as NewId FROM EmployeeDetails;
```

NEWID
121321
321986
421876

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Ques.19. Write a query to fetch only the first name(string before space) from the FullName column of the EmployeeDetails table.

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```
45 SELECT EmpId FROM
46 EmployeeDetails
47 where EmpId Not IN
48 (SELECT EmpId FROM EmployeeSalary);
49
50 SELECT REPLACE(FullName, ' ', '*') FROM EmployeeDetails;
51
52 SELECT INSTR(FullName, 'White') FROM EmployeeDetails;
53
54 SELECT CONCAT(EmpId, ManagerId) as NewId FROM EmployeeDetails;
55
56 SELECT SUBSTR(FullName, 1, INSTR(FullName, ' ')) FROM EmployeeDetails;
57
58
59
```

SUBSTR(FULLNAME,1,INSTR(FULLNAME,' '))

John
Walter
Kuldeep

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Ques.20. Write an SQL query to upper case the name of the employee and lower case the city values.

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```
46 EmployeeDetails
47 where EmpId Not IN
48 (SELECT EmpId FROM EmployeeSalary);
49
50 SELECT REPLACE(FullName, ' ', '*') FROM EmployeeDetails;
51
52 SELECT INSTR(FullName, 'White') FROM EmployeeDetails;
53
54 SELECT CONCAT(EmpId, ManagerId) as NewId FROM EmployeeDetails;
55
56 SELECT SUBSTR(FullName, 1, INSTR(FullName, ' ')) FROM EmployeeDetails;
57
58 SELECT UPPER(FullName), LOWER(City) FROM EmployeeDetails;
59
```

UPPER(FULLNAME)	LOWER(CITY)
JOHN SNOW	toronto
WALTER WHITE	california
KULDEEP RANA	new delhi

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↑

Ques.21. Write an SQL query to find the count of the total occurrences of a particular character – 'n' in the FullName field.

≡

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```
49 SELECT REPLACE(FullName, ' ', '*') FROM EmployeeDetails;
50
51 SELECT INSTR(FullName, 'White') FROM EmployeeDetails;
52
53 SELECT CONCAT(EmpId, ManagerId) as NewId FROM EmployeeDetails;
54
55 SELECT SUBSTR(FullName, 1, INSTR(FullName, ' ')) FROM EmployeeDetails;
56
57 SELECT UPPER(FullName), LOWER(City) FROM EmployeeDetails;
58
59
60 SELECT FullName,
61 LENGTH(FullName) - LENGTH(REPLACE(FullName, 'n', ''))
62 FROM EmployeeDetails;
63
```

FULLNAME	LENGTH(FULLNAME)-LENGTH(REPLACE(FULLNAME,'N',''))
John Snow	2
Walter White	0
Kuldeep Rana	1

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Ques.22. Write an SQL query to update the employee names by removing leading and trailing spaces.

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```
SELECT CONCAT(EmpId, ManagerId) as NewId FROM EmployeeDetails;  
SELECT SUBSTR(FullName, 1, INSTR(FullName, ' ')) FROM EmployeeDetails;  
SELECT UPPER(FullName), LOWER(City) FROM EmployeeDetails;  
SELECT FullName,  
LENGTH(FullName) - LENGTH(REPLACE(FullName, 'n', ''))  
FROM EmployeeDetails;  
UPDATE EmployeeDetails  
SET FullName = LTRIM(RTRIM(FullName));  
select * from EmployeeDetails;
```

EMPID	FULLNAME	MANAGERID	DATEOFJOINING	CITY
121	John Snow	321	01/31/2014	Toronto
321	Walter White	986	01/30/2015	California
421	Kuldeep Rana	876	27/11/2016	New Delhi

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Ques.23. Fetch all the employees who are not working on any project.

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```
56 SELECT SUBSTR(FullName, 1, INSTR(FullName, ' ')) FROM EmployeeDetails;
57
58 SELECT UPPER(FullName), LOWER(City) FROM EmployeeDetails;
59
60 SELECT FullName,
61        LENGTH(FullName) - LENGTH(REPLACE(FullName, 'n', ''))
62 FROM EmployeeDetails;
63
64 UPDATE EmployeeDetails
65 SET FullName = LTRIM(RTRIM(FullName));
66 select * from EmployeeDetails;
67
68 SELECT EmpId FROM EmployeeSalary WHERE project_ IS NULL;
69
```

no data found

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⬆

Ques.24. Write an SQL query to fetch employee names having a salary greater than or equal to 5000 and less than or equal to 10000.

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```
58 SELECT UPPER(FullName), LOWER(City) FROM EmployeeDetails;
59
60 SELECT FullName,
61 LENGTH(FullName) - LENGTH(REPLACE(FullName, 'n', ''))
62 FROM EmployeeDetails;
63
64 UPDATE EmployeeDetails
65 SET FullName = LTRIM(RTRIM(FullName));
66 select * from EmployeeDetails;
67
68 SELECT EmpId FROM EmployeeSalary WHERE project_ IS NULL;
69
70 SELECT FullName FROM EmployeeDetails
71 WHERE EmpId IN (SELECT EmpId FROM EmployeeSalary WHERE Salary BETWEEN 5000 AND 1000);
```

no data found

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↑

Ques.25. Write an SQL query to find the current date-time.

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```
60 SELECT FullName,
61     LENGTH(FullName) - LENGTH(REPLACE(FullName, 'n', ''))
62 FROM EmployeeDetails;
63
64 UPDATE EmployeeDetails
65 SET FullName = LTRIM(RTRIM(FullName));
66 select * from EmployeeDetails;
67
68 SELECT EmpId FROM EmployeeSalary WHERE project_ IS NULL;
69
70 SELECT FullName FROM EmployeeDetails
71 WHERE EmpId IN (SELECT EmpId FROM EmployeeSalary WHERE Salary BETWEEN 5000 AND 1000);
72
73 SELECT CURRENT_DATE, SESSIONTIMEZONE FROM DUAL;
```

CURRENT_DATE	SESSIONTIMEZONE
27-OCT-22	US/Pacific

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Ques.26. Write an SQL query to fetch all the Employees details from EmployeeDetails table who joined in the Year 2016.

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```
63
64 UPDATE EmployeeDetails
65 SET FullName = LTRIM(RTRIM(FullName));
66 select * from EmployeeDetails;
67
68 SELECT EmpId FROM EmployeeSalary WHERE project_ IS NULL;
69
70 SELECT FullName FROM EmployeeDetails
71 WHERE EmpId IN (SELECT EmpId FROM EmployeeSalary WHERE Salary BETWEEN 5000 AND 1000);
72
73 SELECT CURRENT_DATE, SESSIONTIMEZONE FROM DUAL;
74
75 SELECT * FROM EmployeeDetails
76 WHERE DateOfJoining BETWEEN '01/01/2016' AND '12/31/2016';
```

EMPID	FULLNAME	MANAGERID	DATEOFJOINING	CITY
121	John Snow	321	01\31\2014	Toronto
321	Walter White	986	01/30/2015	California

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^

Ques.27. Write an SQL query to fetch all employee records from EmployeeDetails table who have a salary record in EmployeeSalary table.

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```
67 SELECT EmpId FROM EmployeeSalary WHERE project_ IS NULL;
68
69
70 SELECT FullName FROM EmployeeDetails
71 WHERE EmpId IN (SELECT EmpId FROM EmployeeSalary WHERE Salary BETWEEN 5000 AND 1000);
72
73 SELECT CURRENT_DATE, SESSIONTIMEZONE FROM DUAL;
74
75 SELECT * FROM EmployeeDetails
76 WHERE DateOfJoining BETWEEN '01/01/2016' AND '12/31/2016';
77
78 SELECT * FROM EmployeeDetails E
79 WHERE EXISTS
80 (SELECT * FROM EmployeeSalary S
81
```

EMPID	FULLNAME	MANAGERID	DATEOFJOINING	CITY
121	John Snow	321	01\31\2014	Toronto
321	Walter White	986	01/30/2015	California
421	Kuldeep Rana	876	27/11/2016	New Delhi

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↑

Ques.28. Write an SQL query to fetch project-wise count of employees sorted by project's count in ascending order.

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```
73 SELECT CURRENT_DATE, SESSIONTIMEZONE FROM DUAL;
74
75 SELECT * FROM EmployeeDetails
76 WHERE DateOfJoining BETWEEN '01/01/2016' AND '12/31/2016';
77
78 SELECT * FROM EmployeeDetails E
79 WHERE EXISTS
80 (SELECT * FROM EmployeeSalary S
81 WHERE E.EmpId = S.EmpId);
82
83 SELECT project_, count(EmpId) Empproject_Count
84 FROM EmployeeSalary
85 GROUP BY project_
86 ORDER BY Empproject_Count ASC;
```

PROJECT_	EMPPROJECT_COUNT
P2	5
P1	10

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Ques.29. Write a query to fetch employee names and salary records. Display the employee details even if the salary record is not present for the employee.

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```
87
88 SELECT E.FullName, S.Salary
89 FROM EmployeeDetails E
90 LEFT JOIN
91 EmployeeSalary S
92 ON E.EmpId = S.EmpId;
```

FULLNAME	SALARY
John Snow	8000
Walter White	10000
Kuldeep Rana	12000
John Snow	8000
Walter White	10000
Kuldeep Rana	12000
John Snow	8000
Walter White	10000
Kuldeep Rana	12000
John Snow	8000
Walter White	10000

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