

QUERY - IV

1) Display the details of THOSE WHO are drawing the same salary.

select name, salary from programmer where salary = any(select salary from programmer p group by salary having salary=p.salary and count(*)>1);

Result Grid	Filter
name	salary
Devdutt	4400
Dharanitha	3300
Jeeva	4400
JUNA	4400
Kaviya	4400
Madhavan	6600
Oviya	6600
Padikkal	3300
Priya	4400
Ravi	4400
Saravana	5500
Suriya	5500
Zeva	4400
NULL	NULL

2) Display the details of software developed by male programmers earning MORE than 3000.

select * from software,programmer where programmer.name=software.name and salary>3000 and sex='m';

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

	Name	title	dev_in	scost	dcost	sold	name	dob	DOJ	sex	prof1	prof2	salary
▶	Abijith	ios	apple	499.99	6000	44	Abijith	1998-04-09	2020-06-11	M	basic	cobol	9200
	Akash	cobol pascal	basic	399.90	4000	89	Akash	1999-07-31	2021-11-11	M	pascal	cobol	7400
	Devdutt	intellect	cobol	199.99	6700	12	Devdutt	1996-02-08	2019-08-09	M	pascal	c	4400
	Dhevdutt	programmers	pascal	1000.90	6000	6	Dhevdutt	1998-04-04	2020-01-29	M	cobol	c	4700
	Jeeva	ios	apple	1090.79	7800	47	Jeeva	2000-10-06	2022-03-07	M	pascal	clipper	4400
	Madhavan	dbase	c	2999.89	6500	7	Madhavan	1997-11-05	2020-01-01	M	pascal	basic	6600
	Manish	market shopping	c	3899.99	7700	0	Manish	1961-03-05	1988-08-22	M	clipper	c	5200
	Ramesh	quiz game	cobol	3999.99	5700	1	Ramesh	2000-10-31	2021-12-10	M	pascal	cobol	3700
	Ravi	parachutes	dbase	1009.99	12000	22	Ravi	1999-01-01	2021-01-01	M	dcs	basic	4400
	Saravana	dining list	apple	499.79	7300	19	Saravana	1993-02-25	2022-02-01	M	cobol	pascal	5500
	Somdutt	simple	c	1039.99	6000	43	Somdutt	1992-02-10	2019-08-28	M	c	basic	3200

3) Display details of packages developed in PASCAL by female programmers.

select * from programmer p,software s where p.name=s.name and sex='f' and dev_in='pascal';

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

	name	dob	DOJ	sex	prof1	prof2	salary	Name	title	dev_in	scost	dcost	sold
	Mary	1996-12-20	2020-06-05	F	c	cobol	4500	Mary	application	pascal	499.99	6700	16

4) Display the details of the programmer WHO joined BEFORE 1990.

select * from programmer where year(doj)<=1990;

Result Grid

Filter Rows:

Edit:

Export/Import:

Wrap Cell Content:

	name	dob	DOJ	sex	prof1	prof2	salary
▶	Manish	1961-03-05	1988-08-22	M	clipper	c	5200
*	NULL	NULL	NULL	NULL	NULL	NULL	NULL

- 5) Display details of software developed in C by female programmers of PRAGATHI.
 select * from software s, studies st, programmer p where s.name=st.name and
 p.name=s.name and p.sex='f' and st.splace='pragathi';

Result Grid																
Name	title	dev_in	scost	dcost	sold	name	splace	course	ccost	name	dob	DOJ	sex	prof1	prof2	salary
Mandana	webpage	c	999.99	9000	15	Mandana	pragathi	dcs	7200	Mandana	1898-04-18	2015-06-02	F	pascal	cobol	8700


- 6) Display NUMBER of packages NUMBER of copies sold and sales value of EACH
 programmer Institute-wise.
 select st.splace, count(s.dev_in), count(s.sold), sum(s.sold*s.scost) from SOFTWARE S, studies st
 where s.name = st.name group by st.splace;

Result Grid				
splace	count(s.dev_in)	count(s.sold)	sum(s.sold*s.scost)	
S.S.I.L	4	4	142492.01	
pragathi	3	3	72810.73	
bdps	6	6	552641.46	
sabhari	5	5	308886.27	

- 7) Display details of software developed in DBASE by male programmers WHO belong to the
 institute on which MOST NUMBER OF programmer's studies.
 select * from programmer p, software s where s.name=p.name and sex='m' and
 year(dob)<1964 and sex='f' and year(dob)>75;


- 8) Display the details of the software that was developed by male programmers born BEFORE
 1965 and female programmers born AFTER 1975.
 select s.* from PROGRAMMER P, software s where s.name=p.name and (sex='m' and
 year(dob)<1964) and (sex='f' and year(dob)>1975);

- 9) Display the details of the software that was developed in the language that is NOT the
 programmer's first proficiency.
 select s.* from programmer p, software s where s.name=p.name and s.dev_in <> p.prof1;

Result Grid						
Filter Rows: <input type="text"/>						
Export:  Wrap Cell						
	Name	title	dev_in	scost	dcost	sold
▶	Abijith	ios	apple	499.99	6000	44
	Akash	cobol pascal	basic	399.90	4000	89
	Devdutt	intellect	cobol	199.99	6700	12
	Dharanitha	management system	dbase	899.99	9000	68
	Dhevdutt	programmers	pascal	1000.90	6000	6
	Jeeva	ios	apple	1090.79	7800	47
	Kaviya	technical ueries	dbase	999.90	10000	102
	Madhavan	dbase	c	2999.89	6500	7
	Mandana	webpage	c	999.99	9000	15
	Manish	market shopping	c	3899.99	7700	0
	Mary	application	pascal	499.99	6700	16
	Oviya	software	orade	1199.99	7700	3
	Pavithra	comics graphics	basic	2399.39	19000	199
	Priya	ios	apple	1999.90	899	88
	Ramesh	quiz game	cobol	3999.99	5700	1
	Ravi	parachutes	dbase	1009.99	12000	22
	Saravana	dining list	apple	499.79	7300	19
	Suriya	parachutes	dbase	599.39	5500	39
	Zeva	ios	apple	499.90	7900	18



10) Display details of software that was developed in the language which is NEITHER first NOR second proficiency of the programmer.

select s.* from programmer p,software s,studies st where p.name=s.name and s.name=st.name and sex='m' and splace='Sabhari';

Result Grid						
Filter Rows: <input type="text"/>						
Export: 						
	Name	title	dev_in	scost	dcost	sold
▶	Abijith	ios	apple	499.99	6000	44
	Somdutt	simple	c	1039.99	6000	43

11) Display details of software developed by male students of SABHARI.

select p.*,st.splace,s.dev_in from software s, programmer p,studies st where s.name=p.name and s.name=st.name and st.name=p.name and sex='m' and splace='sabhari';

Result Grid									
Filter Rows: <input type="text"/>									
Export:  Wrap Cell Content: 									
	name	dob	DOJ	sex	prof1	prof2	salary	splace	dev_in
▶	Abijith	1998-04-09	2020-06-11	M	basic	cobol	9200	sabhari	apple
	Somdutt	1992-02-10	2019-08-28	M	c	basic	3200	sabhari	c

12) Display the names of programmers WHO HAVE NOT developed any package.

select name from programmer where name not in(select name from software);

Result Grid	
	name
▶	juna
	Narayanan
	Padikkal
	Shreyas
*	HULL

13) What is the total cost of the software developed by the programmers by APPLE?
 select sum(scost) from software s, studies st where s.name=st.name and dev_in='apple';

Result Grid	
Filter Rows:	
Export:	Wrap Cell Content:
	SUM(SCOST)
▶	4090.47

14) Who are the programmers WHO JOINED in the same day?
 select a.name,a.doj from programmer a, programmer b where a.doj=b.doj and a.name <> b.name;

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

	name	doj
▶	Kaviya	2021-10-06
	Dharanitha	2021-10-06

15) Who are the programmers WHO HAVE THE SAME PROF2?
 select name,doj,prof2 from programmer where day(doj)=any(select day(doj) from programmer group by day(doj) having count(*)>1);

Result Grid

Filter Rows:

	name	doj	prof2
▶	Abijith	2020-06-11	cobol
	Akash	2021-11-11	cobol
	Devdutt	2019-08-09	c
	Dharanitha	2021-10-06	basic
	Dhevdutt	2020-01-29	c
	Jeeva	2022-03-07	clipper
	juna	2020-04-09	cobol
	Kaviya	2021-10-06	dcs
	Madhavan	2020-01-01	basic
	Mary	2020-06-05	cobol
	Narayanan	1992-11-07	cobol
	Padikkal	2021-09-26	c
	Pavithra	2022-01-29	pascal
	Ravi	2021-01-01	basic
	Saravana	2022-02-01	pascal
	Shreyas	2017-06-26	pascal
	Suriya	2022-01-05	pascal
	Zeva	2018-09-09	cobol
✱	NULL	NULL	NULL

16) Display the total sales values of software, institutes-wise.
 select studies.splace,sum(software.sold*software.scost) from software, studies where studies.name=software.name group by studies.splace;

Result Grid			Filter Rows:	Export:	Wrap Cell Content:
	splace	sum(software.sold*software.scost)			
▶	S.S.I.L	142492.01			
	pragathi	72810.73			
	bdps	552641.46			
	sabhari	308886.27			

- 17) In which institutes did the person who developed the COSTLIEST package study?
 select splace from software st,studies s where s.name=st.name group by splace,dcost
 having max(dcost)=(select max(dcost) from software);

Result Grid			Filter Rows:	Export:	Wrap Cell Content:
	splace				
▶	bdps				

- 18) Which language listed in prof1 and prof2 HAS NOT BEEN used to develop any package?
 select prof1 from programmer where prof1 not in(select dev_in from software) union select
 prof2 from programmer where prof2 not in(select dev_in from software);

Result Grid			Filter Rows:	Export:	Wrap Cell Content:
	prof1				
▶	ClipPer				
	basic				
	dcs				

- 19) How much does the person WHO developed the HIGHEST selling package earn and WHAT
 course did he/she undergo?

select p.salary,st.course from programmer p,software s,studies st where p.name=s.name and
 s.name=st.name and st.name=p.name and scost=(select max(scost) from software);

Result Grid			Filter Rows:
	salary	course	

- 20) How many months will it take for each programmer to recover the cost of the course
 underwent?
 select p.name,round(ccost/salary) from programmer p,studies s where s.name=p.name;

Result Grid			Filter Rows:	Export:
	name	round(ccost/salary)		
▶	Abijith	1		
	Akash	1		
	Devdutt	1		
	Dharanitha	2		
	Dhevdutt	1		
	Jeeva	1		
	Kaviya	2		
	Mandana	1		
	Mary	0		
	Oviya	1		
	Pavithra	0		
	Priya	1		
	Ramesh	1		
	Ravi	1		
	Saravana	1		
	Shreyas	1		
	Somdutt	1		
	Suriya	1		

21) Which is the COSTLIEST package developed by a person with under 3 year's experiences?
 select s.title from software s, programmer p where (datediff(curdate(),p.doj)/365) > 3 and
 p.name=s.name;

Result Grid			Filter Rows:	Export:	Wrap Cell Content:
	title				
▶	webpage				
	market shopping				
	software				
	ios				
	ios				

22) What is the AVERAGE salary for those WHOSE software's sales value is more than 50,000?
 select avg(salary) from programmer p,software s where p.name=s.name and sold*scost>50000;

Result Grid			Filter Rows:	Export:	Wrap Cell Content:
	avg(salary)				
▶	5260.0000				

23)How many packages were developed by the students WHO studied in the institute that Charge the LOWEST course fee?

select count(s.name) from software s,studies st where s.name=st.name group by s.name,ccost
 having min(ccost)=(select min(ccost) from studies);

Result Grid			Filter Rows:	Export:	Wrap Cell Content:
	count(s.name)				
▶	1				

24) How many packages were developed by the person WHO developed the CHEAPEST package? Where did he\she study?

select count(*) from programmer p,software s where s.name=p.name group by dev_in having
 min(dcost)=(select min(dcost) from software);

Result Grid		Filter Rows:	Export:	Wrap Cell Content:
	count(*)			
▶	5			

- 25) How many packages were developed by female programmers earning MORE than the HIGHEST paid male programmer?

select count(dev_in) from programmer p,software s where s.name=p.name and sex='f' and salary>(select max(salary) from programmer p,software s where s.name=p.name and sex='m');

Result Grid		Filter Rows:	Export:	Wrap Cell Content:
	count(dev_in)			
▶	1			

- 26) How many packages were developed by the MOST experienced programmers from BDPS?
select count(*) from software s,programmer p where p.name=s.name group by doj having max(doj)=(select max(doj) from studies st,programmer p, software s where p.name=s.name and st.name=p.name and (splace='bdps'));

Result Grid		Filter Rows:	Export:	Wrap Cell Content:
	count(*)			
▶	1			

- 27) List the programmers (from software table) and institutes they studied, including those WHO DIDN'T develop any package.

select name,splace from studies where name not in(select name from software);

Result Grid		Filter Rows:	Edit:	Export/Import:
	name	splace		
▶	Mayank	pragathi		
	Shreyas	bdps		
*	NULL	NULL		

- 28) List each profit with the number of programmers having that prof1 and the number of packages developed in that prof1.

select dev_in,count(*),sum(scost*sold-dcost) "PROFIT" from software where dev_in in (select prof1 from programmer) group by dev_in;

Result Grid		Filter Rows:	Export:	Wrap Cell Content:
	dev_in	count(*)	PROFIT	
▶	basic	2	490069.71	
	cobol	2	-6000.13	
	pascal	3	4302.49	
	c	5	71519.35	

- 29) List programmer names (from programmer table) and number of packages EACH developed.
select s.name,count(dev_in) from programmer p1,software s where p1.name=s.name group by s.name;

Result Grid			Filter Rows:
	name	count(dev_in)	
▶	Abijith	1	
	Akash	1	
	Devdutt	1	
	Dharanitha	1	
	Dhevdutt	1	
	Jeeva	1	
	Kaviya	1	
	Madhavan	1	
	Mandana	1	
	Manish	1	
	Mary	1	
	Oviya	1	
	Pavithra	1	
	Priya	1	
	Ramesh	1	
	Ravi	1	
	Saravana	1	
	Somdutt	1	
	Suriya	1	
	Zeva	1	

- 30) List all the details of programmers who have done a course at S.S.I.L.
 select programmer.* from programmer,software,studies where splace='S.S.I.L' and
 programmer.name=software.name and programmer.name=studies.name and
 studies.splace='s.s.i.l';

Result Grid								Filter Rows:	Export:	Wrap Cell Content:
	name	dob	DOJ	sex	prof1	prof2	salary			
▶	Dhevdutt	1998-04-04	2020-01-29	M	cobol	c	4700			