QUERIES - II

1) Display THE NUMBER OF packages developed in EACH language.
select dev_in language,count(title) no_of_package from software group by dev_in;

Result Grid | Filter Rows:

language	no_of_package
apple	5
basic	2
cobol	3
dbase	4
pascal	3
c	3
oracle	1

2) Display THE NUMBER OF packages developed by EACH person.
select name,count(title) no_of_package from software group by name;

Result Grid | Filter Rows:

name	no_of_package
Abijith	1
Akash	1
Devdutt	1
Dharanitha	1
Dhevdutt	1
Jeeva	1
Kaviya	1
Maddy	1
Madhavan	1
Manish	1
Mary	1
Oviya	1
Padikal	1
Pavithra	1
Priya	1
Ramesh	1
Ravi	1
Saravana	1
Somdutt	1
Suriya	1
Zeva	1

3) Display THE NUMBER OF male and female programmer.
select sex,count(name) from programmer group by sex;

Result Grid

sex	count
M	14
F	9

4) Display THE COSTLIEST packages and HIGEST selling developed in EACH language.
select dev_in,max(scost) costliest,max(sold) sold from software group by dev_in;

Result Grid | Filter Rows

dev_in	costliest	sold
apple	1999.90	88
basic	2399.39	199
cobol	3999.99	12
dbase	1009.99	102
pascal	1000.90	25
c	6999.90	43
oracle	1199.99	3

5) Display THE NUMBER OF people BORN in EACH YEAR.

```
select year(dob) as year,count(name) from programmer group by year(dob);
```

Result Grid | Filter

year	count(name)
1998	2
1999	4
1996	3
2001	2
2000	4
1997	1
1898	1
1991	1
1992	2
1994	1
1993	1
1990	1

6) Display THE NUMBER OF people JOINED in EACH YEAR.

```
select year(doj) as year,count(name) from programmer group by year(doj);
```

Result Grid | Filter

year	count(name)
2020	5
2021	7
2019	3
2022	4
2015	1
2018	2
2017	1

7) Display THE NUMBER OF people BORN in EACH MONTH.

```
select monthname(dob) as Month_People_Born ,count(name) from programmer group by
month(dob);
```

Result Grid | Filter Rows:

Month_People_Born	count(name)
April	3
July	1
February	4
October	4
March	2
November	3
December	1
September	2
June	2
January	1

8) Display THE NUMBER OF people JOINED in EACH MONTH.

```
select monthname(doj) as Month_Of_Join,count(name) from programmer group by
month(doj);
```

Result Grid | Filter Rows:

Month_Of_Join	count(name)
June	4
November	2
August	3
October	3
January	5
March	1
December	2
September	2
February	1

9) Display the language wise COUNTS of prof1.

```
select prof1, count(prof1) from programmer group by prof1;
```

Result Grid | Filter Rows:

Month_Of_Join	count(name)
June	4
November	2
August	3
October	3
January	5
March	1
December	2
September	2
February	1

10) Display the language wise COUNTS of prof2.

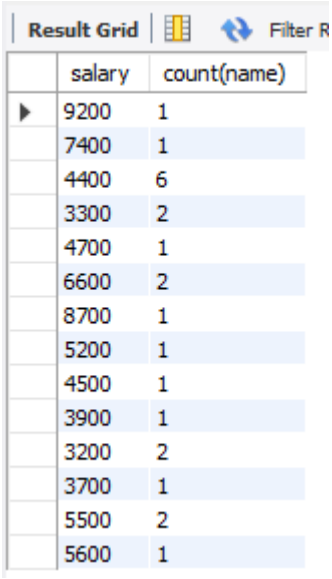
```
select prof2, count(prof2) from programmer group by prof2;
```

Result Grid | Filter R

prof2	count(prof2)
cobol	8
c	5
basic	4
clipper	1
dcs	1
pascal	4

11) Display THE NUMBER OF people in EACH salary group.

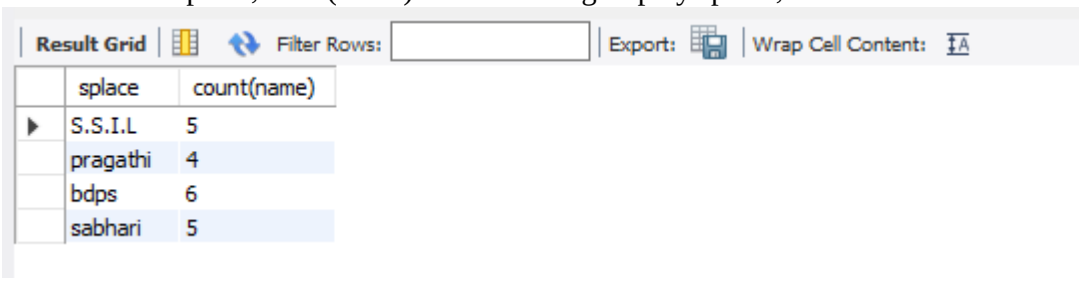
```
select salary,count(name) from programmer group by salary;
```



salary	count(name)
9200	1
7400	1
4400	6
3300	2
4700	1
6600	2
8700	1
5200	1
4500	1
3900	1
3200	2
3700	1
5500	2
5600	1

12) Display THE NUMBER OF people who studied in EACH institute.

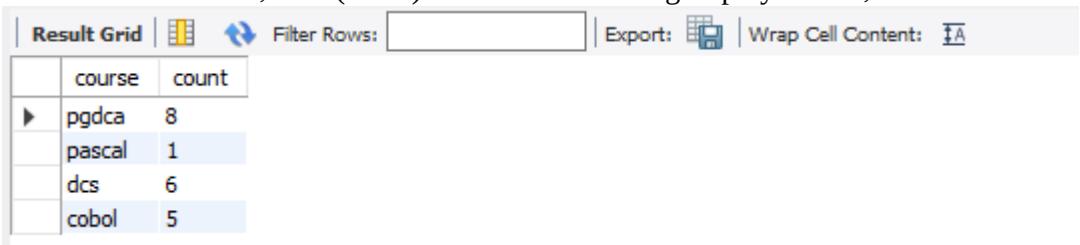
```
select splace,count(name) from studies group by splace;
```



splace	count(name)
S.S.I.L	5
pragathi	4
bdps	6
sabhari	5

13) Display THE NUMBER OF people who studied in EACH course.

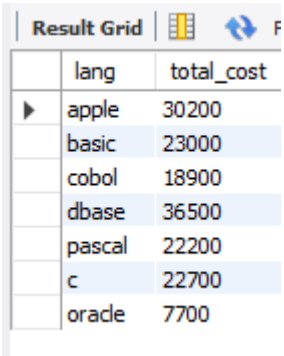
```
select course ,count(name) count from studies group by course;
```



course	count
pgdca	8
pascal	1
dcs	6
cobol	5

14) Display the TOTAL development COST of the packages developed in EACH language.

```
select dev_in lang,sum(dcost) total_cost from software group by dev_in;
```



lang	total_cost
apple	30200
basic	23000
cobol	18900
dbase	36500
pascal	22200
c	22700
oracle	7700

15) Display the selling cost of the package developed in EACH language.

```
select dev_in ,sum(scost) cost from software group by dev_in;
```

Result Grid

dev_in	cost
apple	4590.37
basic	2799.29
cobol	7199.87
dbase	3509.27
pascal	2000.78
c	11939.88
oracle	1199.99

16) Display the cost of the package developed by EACH programmer.

```
select name,sum(dcost) as total_cost from software group by name;
```

Result Grid

name	total_cost
Abijith	6000
Akash	4000
Devdutt	6700
Dharanitha	9000
Dhevdutt	6000
Jeeva	7800
Kaviya	10000
Maddy	9000
Madhavan	6500
Manish	7700
Mary	6700
Oviya	7700
Padikal	9500
Pavithra	19000
Priya	1200
Ramesh	5700
Ravi	12000
Saravana	7300
Somdutt	6000
Suriya	5500
Zeva	7900

17) Display the sales values of the package developed in EACH programmer.

```
select name, sum(scost*sold) from software group by name;
```

Result Grid | Filter Rows:

name	sum(scost*sold)
Abijith	21999.56
Akash	35591.10
Devdutt	2399.88
Dharanitha	61199.32
Dhevdutt	6005.40
Jeeva	51267.13
Kaviya	101989.80
Maddy	20999.70
Madhavan	20999.23
Manish	0.00
Mary	7999.84
Oviya	3599.97
Padikal	12497.25
Pavithra	477478.61
Priya	175991.20
Ramesh	3999.99
Ravi	22219.78
Saravana	9496.01
Somdutt	44719.57
Suriya	23376.21
Zeva	8998.20

18) Display the NUMBER of packages developed by EACH programmer.

```
select name,count(title) as total_pack from software group by name;
```

Result Grid | F

name	total
Abijith	1
Akash	1
Devdutt	1
Dharanitha	1
Dhevdutt	1
Jeeva	1
Kaviya	1
Maddy	1
Madhavan	1
Manish	1
Mary	1
Oviya	1
Padikal	1
Pavithra	1
Priya	1
Ramesh	1
Ravi	1
Saravana	1
Somdutt	1
Suriya	1
Zeva	1

19) Display the sales COST of packages developed by EACH programmer language wise.

```
select dev_in, sum(scost) from software group by dev_in;
```

Result Grid | Filt

dev_in	sum(scost)
apple	4590.37
basic	2799.29
cobol	7199.87
dbase	3509.27
pascal	2000.78
c	11939.88
oracle	1199.99

20) Display EACH programmers name, costliest package and cheapest packages developed by Him/Her.

select name,min(dcost),max(dcost) from software group by name;

Result Grid | Filter Rows:

name	min(dcost)	max(dcost)
Abijith	6000	6000
Akash	4000	4000
Devdutt	6700	6700
Dharanitha	9000	9000
Dhevdutt	6000	6000
Jeeva	7800	7800
Kaviya	10000	10000
Maddy	9000	9000
Madhavan	6500	6500
Manish	7700	7700
Mary	6700	6700
Oviya	7700	7700
Padikal	9500	9500
Pavithra	19000	19000
Priya	1200	1200
Ramesh	5700	5700
Ravi	12000	12000
Saravana	7300	7300
Somdutt	6000	6000
Suriya	5500	5500
Zeva	7900	7900

21) Display EACH language name with AVERAGE development cost, AVERAGE cost, selling cost and AVERAGE price per copy.

select dev_in,avg(dcost),avg(scost),avg(scost) from software group by dev_in;

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

dev_in	avg(dcost)	avg(scost)
apple	5979.8000	918.074000
basic	11500.0000	1399.645000
cobol	6200.0000	2099.990000
dbase	9125.0000	877.317500
pascal	7400.0000	666.926667
c	6039.8000	3187.952000
oracle	7700.0000	1199.990000

22) Display EACH institute name with NUMBER of courses, AVERAGE cost per course.

select splace,count(course), avg(ccost) from studies group by splace;

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

splace	count(course)	avg(ccost)
S.S.I.L	5	6220.0000
pragathi	4	5700.0000
bdps	6	4466.6667
sabhari	5	4980.0000

23) Display EACH institute name with NUMBER of students.

```
select splace,count(name) from studies group by splace;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

splace	count(name)
S.S.I.L	5
pragathi	4
bdps	6
sabhari	5

24) Display names of male and female programmers.

```
select name,sex from programmer order by sex;
```

Result Grid | Fi

name	sex
Dharanitha	F
Kaviya	F
Mandana	F
Mary	F
Oviya	F
Pavithra	F
Priya	F
Suriya	F
Zeva	F
Abijith	M
Akash	M
Devdutt	M
Dhevdutt	M
Jeeva	M
Madhavan	M
Manish	M
Narayanan	M
Padikkal	M
Ramesh	M
Ravi	M
Saravana	M
Shreyas	M
Somdutt	M
NULL	NULL

25) Display the programmer's name and their packages.

```
select name,title from software order by name;
```

Result Grid | Filter Rows:

name	title
Abijith	parachutes
Akash	cobol pascal
Devdutt	intellect
Dharanitha	management system
Dhevdutt	programmers
Jeeva	ios
Kaviya	technical ueries
Maddy	parachutes
Madhavan	dbase
Manish	market shoping
Mary	application
Oviya	software
Padikal	dbase
Pavithra	comics graphics
Priya	ios
Ramesh	quiz game
Ravi	parachutes
Saravana	dining list
Somdutt	simple
Suriya	parachutes
Zeva	ios

26) Display the NUMBER of packages in EACH language.

```
select dev_in ,count(title) from software group by dev_in;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

count(title)	dev_in
5	apple
2	basic
2	cobol
4	dbase
3	pascal
5	c
1	oracle

27) Display the NUMBER of packages in EACH language for which development cost is less than 1000.

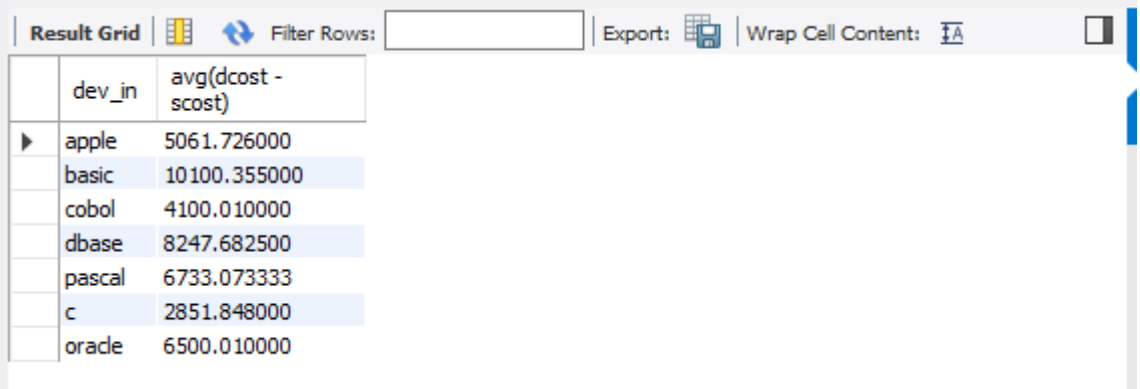
```
select count(title),dev_in from software where dcost<1000 group by dev_in;
```

Result Grid | Filter

dev_in	count(title)
c	1
apple	1

28) Display the AVERAGE difference BETWEEN scost and dcost for EACH language.

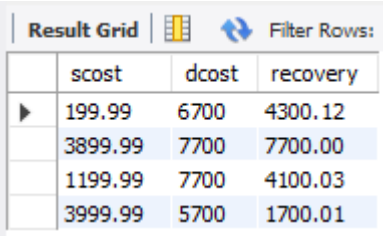
```
select dev_in,avg(dcost - scost) from software group by dev_in;
```



Result Grid | Filter Rows: | Export: | Wrap Cell Content:

dev_in	avg(dcost - scost)
apple	5061.726000
basic	10100.355000
cobol	4100.010000
dbase	8247.682500
pascal	6733.073333
c	2851.848000
oracle	6500.010000

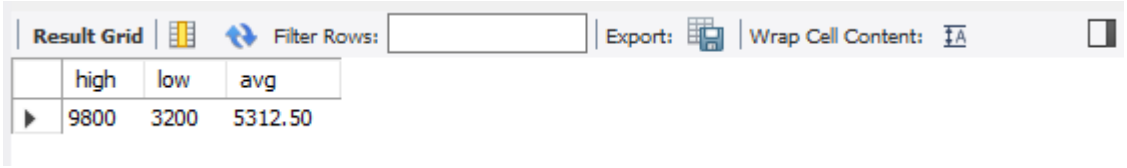
29) Display the TOTAL scost, dcsot and amount TOBE recovered for EACH programmer for whose dcost HAS NOT YET BEEN recovered.
select sum(scost) scost, sum(dcost) dcost, sum(dcost-(sold*scost)) recovery from software group by name having sum(dcost)> sum(sold*scost);



Result Grid | Filter Rows:

scost	dcost	recovery
199.99	6700	4300.12
3899.99	7700	7700.00
1199.99	7700	4100.03
3999.99	5700	1700.01

30) Display highest, lowest and average salaries for THOSE earning MORE than 2000.
select max(salary) high, min(salary) low, round(avg(salary),2) avg from programmer where salary > 2000;



Result Grid | Filter Rows: | Export: | Wrap Cell Content:

high	low	avg
9800	3200	5312.50