1.) Find out the selling average cost for Packages developed in PASCAL

```
SQL> select aug(scost) from software_16bce1112 where developing='PASCAL';

AUG(SCOST)

3066.65

SQL> SELECT PNAME, ROUND((sysdate-DOB)/365.25) FROM Programmer_16bce1112;

PNAME ROUND((SYSDATE-DOB)/365.25)

ANAND
ALTAF 53
JULIANA 57
KAMALA 48
MARY 47
NELSON 31
PAITRICK 51
RAMESH 51
RAMESH 50
REBECCA 50
REMITHA 47
PNAME ROUND((SYSDATE-DOB)/365.25)

REUATHI 47
UIJAYA 51
13 rows selected.

SQL> select name from studies_16bce1112 where course='DAP';
```

3.) Display the names of those who have done the DAP course.

```
SQL> select pname, dob from programmer_16bce1112 where dob like '%-JAN-%';

PNAME

JULIANA

REBECCA

31-JAN-67
```

4.) Display the names and date of births of all programmers born in January

```
SQL> select max(sold) from software_16bce1112;

MAX(SOLD)

84
```

5.) What is the highest number of copies sold by a package

```
SQL> select max(sold) from software_16bce1112;

MAX(SOLD)

84
```

6.) Display the lowest course fee

```
7.) How many programmers done the PGDCA course

SQL> select count(pname) from studies_16bce1112 where course='PGDCA';

COUNT(PNAME)

3
```

```
8.) How much revenue has been earned thru sales of packages developed in c.

SQL> select scost*sold from software_16bce1112 where developing='C';

SCOST*SOLD

103500
39900
36975
5400
```

9.) Display the details of the software developed by Ramesh. SQL> select * from software_16bce1112 where pname='RAMESH'; PNAME TITLE DEVELOPING SCOST DCOST SOLD RAMESH HOTLIMGMT DBASE 12000 35000 4 PNAME TITLE DEVELOPING SCOST DCOST SOLD RAMESH DEADLEE PASCAL 599.95 4500 73

```
10.) How may programmers studied at Sabhari
```

11.) Display details of packages whose sales crossed the 2000 mark

SQL> select * from software_16bce1112 where scost	*cold>2000 00:	
PNAME	~5010/2000.00;	
TITLE	-	
DEUELOPI NG	SCOST	DCOST
SOLD		
 MARY		
README CPP	100	1200
84	100	1200
PNAME		
TITLE	_	
DEVELOPI NG	- SCOST	DCOST
SOLD		
ANAND		
PARACHUTES BASIC	399.95	6000
43		
PNAME		
 TITLE	-	
DEVELOPING	SCOST	DCOST
SOLD		
ANAND		
UIDEOTITLING PASCAL	7500	16000
9		
PNAME		
TITLE	_	
DEVELOPI NG	SCOST	DCOST
SOLD		
KAMALA		
PAYROLLPRG DBASE	9000	20000
7		

PNAME		
TITLE		
DEVELOPING	SCOST	DCOST
SOLD		
MARY		
FINANCIALACC ORACLE	18000	85000
4		
PNAME		
TITLE		
DEVELOPING	SCOST	DCOST
SOLD		
MARY CODEGENRRATOP	4500	00000
C 23	4500	20000
PNAME		
TITLE		
DEVELOPING	SCOST	DCOST
SOLD		
PATTRICK README		
CPP 84	300	1200
01		
PNAME		
TITLE		
DEVELOPING	SCOST	DCOST
SOLD		
QADIR BOMBSAWAY		
ASSEMBLY 11	750	5000
PNAME		

PNAME			
TITLE			
DEUELOPING	SCOST	DCOST	
SOLD			
RAMESH HOTLIMGMT			
DBASE 4	12000	35000	
•			
PNAME			
TITLE			
DEVELOPING	SCOST	DCOST	
SOLD			
RAMESH DEADLEE			
PASCAL 73	599.95	4500	
PNAME			
TITLE			
DEVELOPING	SCOST	DCOST	
SOLD			
REMITHA PCUTILITIES			
C 51	725	5000	
PNAME 			
TITLE			
DEVELOPING	SCOST	DCOST	
SOLD			
REMITHA TSRHELPPKG ASSEMBLY			
ASSEMBLY 7	2500	6000	
PNAME			
TITLE			
DEUELOPING	SCOST	DCOST	
SOLD			
VIJAYA TSREDITOR			
c 6	900	700	
15 rows selected.			

13.) Display the details of packages for which developments cost have been recovered.

SQL> select * from software_16bce1112 where dcost>:		ii iecoveieu.	
PNAME	30030		
TITLE			
DEVELOPING	SCOST	DCOST	
SOLD			
MARY README			
CPP	100	1200	
84			
PNAME			
TITLE			
DEVELOPING	SCOST	DCOST	
SOLD			
ANAND			
PARACHUTES BASIC	399.95	6000	
43			
PNAME			
TITLE			
DEVELOPING	SCOST	DCOST	
SOLD			
ANAND			
UIDEOTITLING PASCAL	7500	16000	
9			
PNAME			
TITLE			
DEVELOPING	SCOST	DCOST	
SOLD			
JULIANA			
I NUENTORY COBOL	3000	3500	
0			

PNAME		
TITLE		
DEVELOP I NG	SCOST	DCOST
SOLD		
KAMALA PAYROLLPRG		
DBASE 7	9000	20000
·		
PNAME		
TITLE		
DEVELOPI NG	SCOST	DCOST
SOLD		
MARY FINANCIALACC		
ORACLE 4	18000	85000
PNAME 		
TITLE		
DEVELOPING 	SCOST	DCOST
SOLD		
MARY CODEGENRRATOP		
C 23	4500	20000
PNAME 		
TITLE		
DEUELOPI NG	SCOST	DCOST
SOLD 		
PATTRICK README		
CPP 84	300	1200
PNAME		

PNAME		
 TITLE		
DEVELOPING	SCOST	DCOST
SOLD		
QADIR BOMBSAWAY ASSEMBLY 11	750	5000
PNAME		
TITLE		
DEVELOPING	SCOST	DCOST
SOLD		
QADIR VACCINES C	1900	3400
21		
PNAME		
TITLE		
DEVELOPING	SCOST	DCOST
SOLD		
RAMESH HOTLIMGMT DBASE 4	12000	35000
PNAME		
TITLE		
DEVELOPING	SCOST	DCOST
SOLD		
RAMESH DEADLEE PASCAL 73	599.95	4500

```
PNAME
TITLE
DEVELOPING
                                                                       SCOST
                                                                                     DCOST
       SOLD
REMITHA
PCUTILITIES
                                                                          725
                                                                                       5000
         51
PNAME
TITLE
DEVELOPING
                                                                       SCOST
                                                                                     DCOST
       SOLD
REMITHA
TSRHELPPKG
ASSEMBLY
                                                                        2500
                                                                                       6000
PNAME
TITLE
DEVELOPING
                                                                       SCOST
                                                                                     DCOST
       SOLD
REVATHI
HOSPITALMGMT
PASCAL
                                                                                     75000
                                                                        1100
           2
15 rows selected.
```

14.) What is the cost of the costliest software developed in basic

```
SQL> select max(scost) from software_16bce1112;
MAX(SCOST)
-----
18000
```

15.) How many packages developed in dbase

```
SQL> select sum(sold) from software_16bce1112 where developing='DBASE';

SUM(SOLD)

11
```

16.) How many programmers studies in Pragathi

```
SQL> select count(pname) from studies_16bce1112 where institute='PRAGATHI';

COUNT(PNAME)

3
```

17.) How many programmers paid 5000 to 10000 for their studies.

```
SQL> select count(pname) from studies_16bce1112 where coursefee between 5000 and
10000;
COUNT(PNAME)
-----5
```

18.) What is avg course fee

```
SQL> select avg(coursefee) from studies_16bce1112;
AUG(COURSEFEE)
_______
11508.3333
```

19.) Display the detail the programmers knowing c

SQL> select * from programmer_16bce1112 where prof.	1='C' or pi	rof2='C';	
PNAME	DOB	DOJ	SE
PROF1			
PROF2	SALAR	t	
KAMALA	30-0CT-68	02-JAN-92	F
DBASE	2900	3	
QADIR ASSEMBLY	31-AUG-65	21-APR-90	M
C	3000	3	
PNAME	DOB	DOJ	SE
PROF1			
PROF2	SALAR	ł.	
REMITHA	19-APR-70	20-APR-93	F
C ASSEMBLY	3000	a	
VIJAYA FOXPRO	14-DEC-65	02-MAY-92	F
PNAME	DOB	DOJ	SE
PROF1			
PROF2	SALAR	ł.	
C	4500	3	

21.) How many programmers don't know Pascal and c

22.) How old is the oldest male programmers

```
SQL'SELECT COUNT(PNAME) FROM Programmer_16bce1112 WHERE PROF1 NOT in ('C','PASC
AL') AND PROF2 NOT in ('C','PASCAL');
COUNT(PNAME)
-----5
```

23.) Calculate the experience in years for each programmers and. Display along with the names in descending order.

```
ROUND((SYSDATE-DOJ)/365.25) PNAME

25 UJJAYA
26 RABECCA
26 RAMBSH
27 PATTRICK
28 NELSON
26 MARY
27 PATTRICK
28 NELSON
26 MARY
25 RAMALA
27 JULIANA
26 RALFA
27 JULIANA
28 ROUND((SYSDATE-DOJ)/365.25) PNAME

ROUND((SYSDATE-DOJ)/365.25) PNAME
27 PATTRICK
28 NELSON
26 MARY
26 ALTAF

ROUND((SYSDATE-DOJ)/365.25) PNAME

95 ANAND
26 ALTAF
```

24.) Who are the programmers who celebrate their birthdays during the current month.

25.) How many female programmers are there

26.) What are the languages by male programmers

```
SQL> select prof1, prof2 from programmer_16bce1112 WHERE SEX='M';
PROF1
PROF2
PASCAL
BASIC
CLI PPER
COBOL
COBOL
DBASE
PROF1
PROF2
PASCAL
ASSEMBLY
PASCAL
DBASE
 rows selected.
```

27.) What is the average salary

```
SQL> select avg(salary) from programmer_16bce1112;
AUG(SALARY)
3161.53846
```

28.) How many people draw salary 2000 to 4000

```
SQL> select count(pname) from programmer_16bce1112 where salary>=2000 and salary
<=4000;
COUNT (PNAME)
```

29.) Display the details of those who don't know clipper Cobol or Pascal

29.) Display the details of those who don't know clipper Co			
SQL> SELECT *FROM Programmer_16bce1112 WHERE PROF1 SCAL'> AND PROF2 NOT in ('CLIPPER','COBOL','PASCAL	NOT in ('(CLIPPER','	COBOL','PA
PNAME	DOB	DOJ	SE
PROF1			
PROF2	SALAR	ł	
KAMALA C	30-0CT-68	02-JAN-92	F
DBASE	2900	3	
MARY CPP	24-JUN-70	01-FEB-91	F
ORACLE	4500	3	
PNAME	DOB	DOJ	SE
PROF1			
PROF2	SALAR	ł	
QADIR	31-AUG-65	21-APR-90	М
ASSEMBLY C	3000	a	
REMITHA C	19-APR-70	20-APR-93	F
PNAME	DOB	DOJ	SE
PROF1			
PNAME	DOB	DOJ	SE
PROF1			
PROF2	SALAR	Y	
ASSEMBLY	300	Ø	
VIJAYA FOXPRO	14-DEC-65	02-MAY-92	F
C	450	Ø	

30.) Display the cost of package developed by each programmer

SQL> select	<pre>distinct(pname),</pre>	dcost	from	software_16bc	e1112;	
PNAME					DCOST	
MARY QADIR ANAND UIJAYA MARY KAMALA REMITHA RAMESH REVATHI RAMESH PATTRICK					20000 3400 6000 700 1200 20000 5000 4500 75000 35000	
PNAME					DCOST	
ANAND JULIANA MARY QADIR REMITHA					16000 3500 85000 5000 6000	
16 rows sel	ected.					

31.) Display the sales values of the packages developed by the each programmer

SQL> select	pname,	scost*sold	\mathbf{from}	software_	_16bce11	12;	
PNAME						SCOST:	*SOLD
 MARY							8400
ANAND						1719	77.85
ANAND						•	7500
JULIANA							Ø
KAMALA						•	3000
MARY						•	72000
MARY						10	33500
PATTRICK							25200
QADIR							8250
QADIR						3	39900
RAMESH						4	18000
PNAME						SCOST:	*SOLD
RAMESH						4379	76.35
REMITHA							36975
REMITHA							7500
REVATHI							2200
VIJAYA							5400
16 rows sel	ected.						

32.) Display the number of packages sold by each programmer.

PNAME	SOLD
MARY QADIR RAMESH REMITHA MARY RAMESH REVATHI JULIANA MARY ANAND	23 11 4 7 4 73 2 0 84 43
PNAME	SOLD
KAMALA VIJAYA PATTRICK QADIR REMITHA 16 rows selected.	7 6 84 21 51

33.) Display the sales cost of the packages developed by each programmer

SQL> select pname, scost from software_16bce1112;	
PNAME	SCOST
MARY ANAND JULIANA KAMALA MARY MARY MARY MARY PATTRICK QADIR RAMESH	100 399.95 7500 3000 9000 18000 4500 300 750 1900
PNAME	SCOST
RAMESH REMITHA REMITHA REVATHI VIJAYA 16 rows selected.	599.95 725 2500 1100 900

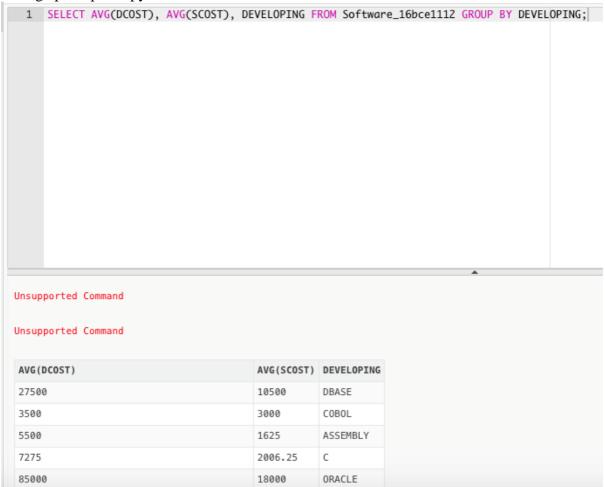
Scroll down please---

34.) Display the sales cost of the packages developed by each programmer language wise

1 SELECT COUNT(*), SUM(SCOST), PNAME, DEVELOPING FROM Software_16bce1112 GROUP BY PNAME, DEVELOPING;

COUNT(*)	SUM(SCOST)	PNAME	DEVELOPING
1	9000	KAMALA	DBASE
1	4500	MARY	С
1	1100	REVATHI	PASCAL
1	3000	JULIANA	COBOL
1	1900	QADIR	С
1	100	MARY	CPP
1	900	VIJAYA	С
1	399.95	ANAND	BASIC
1	7500	ANAND	PASCAL
1	750	QADIR	ASSEMBLY
1	12000	RAMESH	DBASE
1	599.95	RAMESH	PASCAL
1	18000	MARY	ORACLE
1	300	PATTRICK	CPP
1	725	REMITHA	С
1	2500	REMITHA	ASSEMBLY

35.) Display each language name with Average development cost, average selling cost and average price per copy.



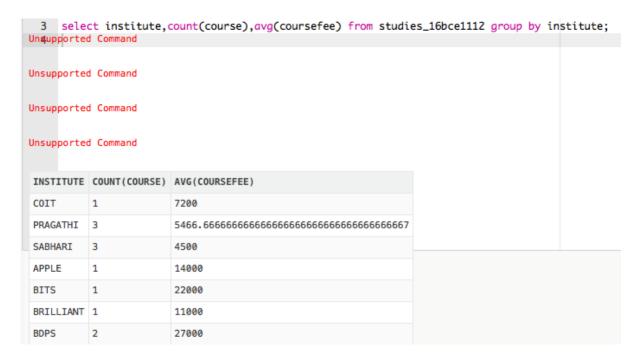
Scroll down please---

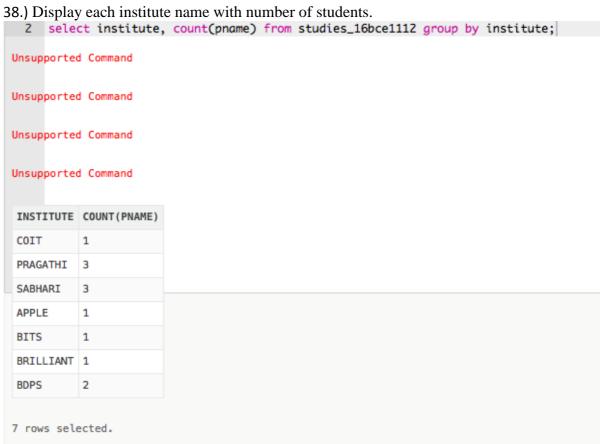
36.) Display each programmers name costliest and cheapest packages developed by him or her .

1 select pname, max(dcost), min(dcost) from software_16bce1112 group by pname;

PNAME	MAX(DCOST)	MIN(DCOST)
VIJAYA	700	700
REVATHI	75000	75000
ANAND	16000	6000
REMITHA	6000	5000
MARY	85000	1200
KAMALA	20000	20000
PATTRICK	1200	1200
QADIR	5000	3400
RAMESH	35000	4500
JULIANA	3500	3500

37.) Display each institute name with number of courses average cost per course.





39.) Display names of male and female programmers name and sex also



40.) Display the name of programmers and their packages



41.) Display the number of packages in each languages except c and c++.

```
COUNT (DEVELOPING)

COUNT (DEVELOPING)
```

42.) Display the number of packages in each language for which development cost is less than 1000.

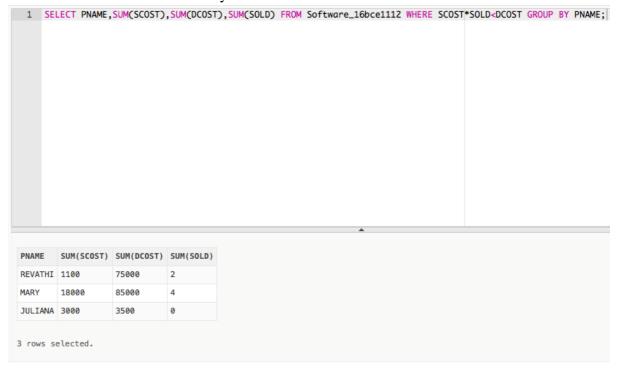


43.) Display the average difference between SCOST and DCOST for each package.

```
1 select avg(dcost-scost) from software_16bce1112;

AVG(DCOST-SCOST)
14014.06875
```

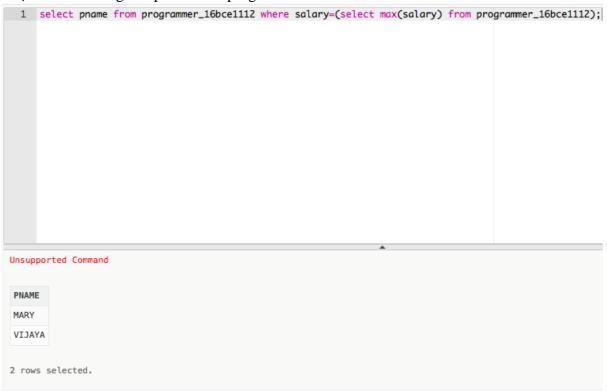
44.) Display the total SCOST, DCOST and amount to be recovered for each programmer for those whose DCOST has not yet been recovered.



45.) Display the highest, lowest and average salaries for those earning more than 2000.



46.) Who is the highest paid in 'C' programmers.



47.) Who is the highest paid female Cobol programmer

```
1 SELECT PNAME FROM Programmer_16bce1112 WHERE SEX='F' AND PROF1='COBOL' OR PROF2='COBOL' AND SALARY=(SELECT MAX(SALARY) FROM Pro

Unsupported Command

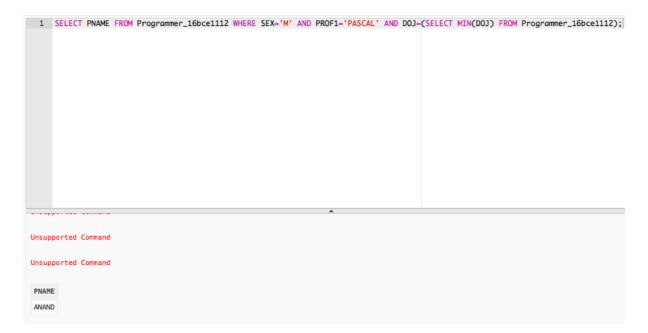
Unsupported Command

PNAME
JULIANA
```

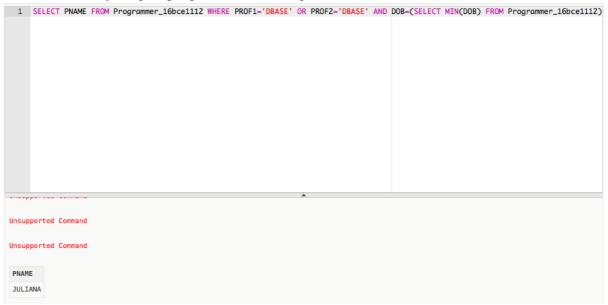
49.) Who is the least experienced programmer



50.) Who is the most experienced male programmer knowing Pascal



53.) Who is the youngest programmer knowing DBASE



54.) Which female programmer earning more than 3000 does not know c. C++ oracle or DBASE.

```
1 V Programmer_16bce1112 WHERE PROF1 NOT IN ('C', 'C++', 'ORACLE') AND PROF2 NOT IN ('C', 'C++', 'ORACLE') AND SALARY<3000 AND SEX='F'

Unsupported Command

Unsupported Command

PNAME

REBECCA
```

55.) Which institute has most number of students



56.) What is the costliest course

```
Unsupported Command
Unsupported Command
COURSE
DCA
```

57.) Which course has been done by the most of the students



58.) Which course has been done by the most of the student

```
1 SELECT MAX(COURSE) FROM (SELECT COURSE, COUNT(COURSE) FROM Studies_16bce1112 GROUP BY COURSE);

Unsupported Command

Unsupported Command

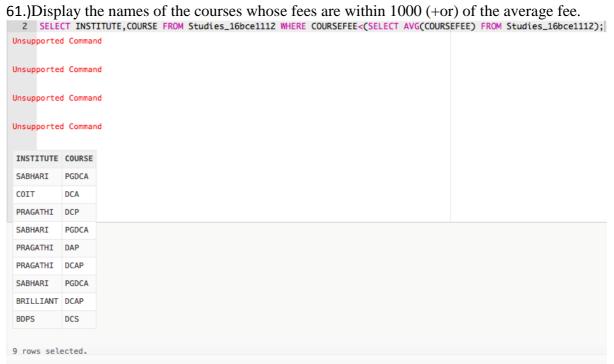
MAX(COURSE)
PGDCA
```

59.) Which institute conducts costliest course



60.) Display the name of the institute and course which has below average course fee

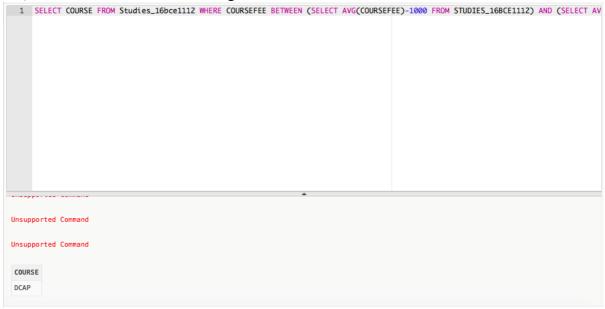
```
1 select institute from studies_16bce1112 where coursefee=(select max(coursefee) from studies_16bce1112);
Unsupported Command
Unsupported Command
INSTITUTE
BDPS
```



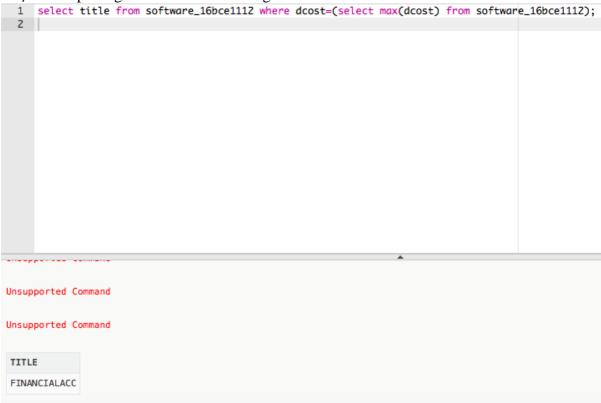
62.) Which package has the highest development cost



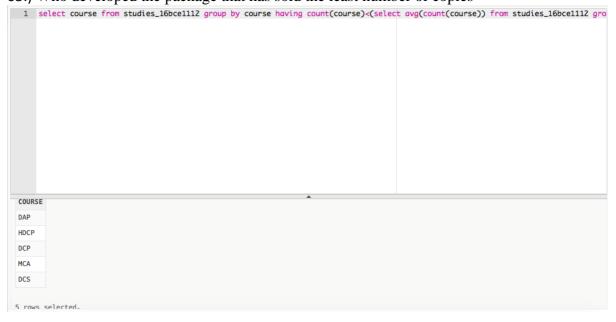
63.) Which course has below average number of students



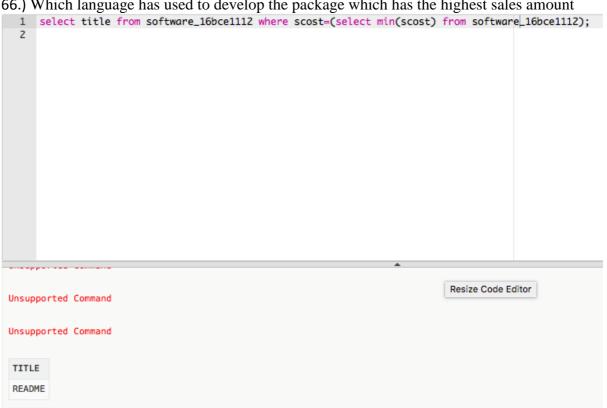
64.) Which package has the lowest selling cost



65.) Who developed the package that has sold the least number of copies

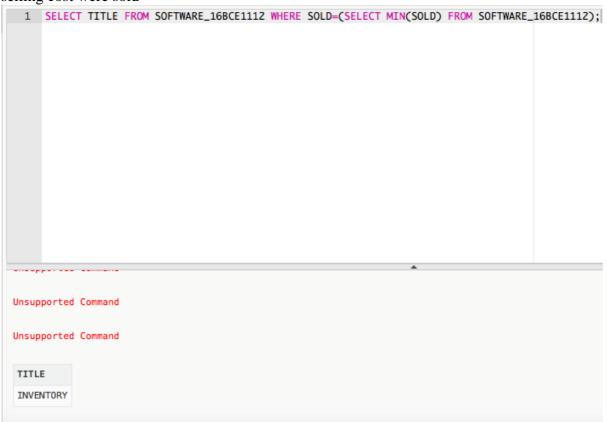


66.) Which language has used to develop the package which has the highest sales amount



Scroll down please---

67.) How many copies of package that has the least difference between development and selling cost were sold



68.) Which is the costliest package developed in Pascal



70.) Which programmer has developed the highest number of packages

```
1 select(count(sold)) from software_16bce1112 where dcost-scost=(select min(dcost-scost) from software_16bce1112);

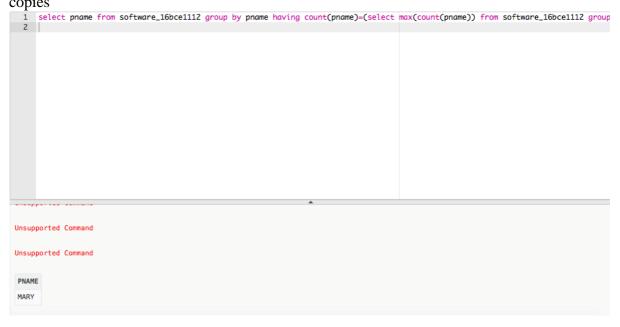
Unsupported Command

Unsupported Command

(COUNT(SOLD))

1
```

71.) Display the names of the package which have sold less than the average number of copies

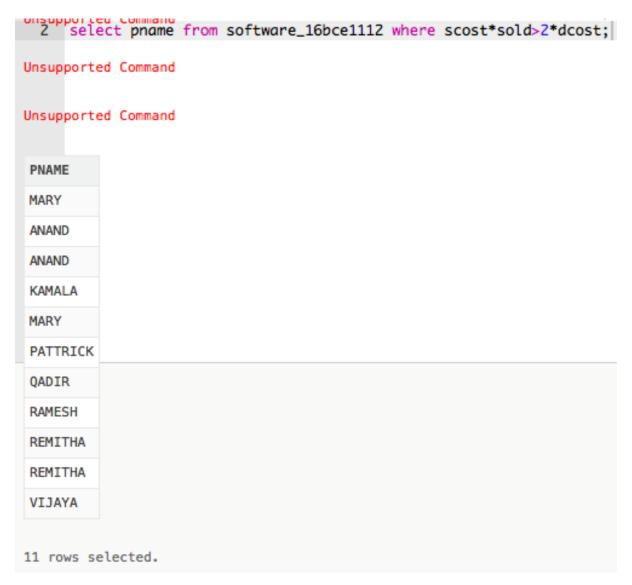


72.) Who are the authors of the packages which have recovered more than double the development cost

Unsupported Col	mmand room itle from	software_ software_	16bce1112	where	sold<(select	avg(Sold)	from	software_	16bce1112);
Unsupported Co	mmand								
Unsupported Co	mmand								
TITLE									
VIDEOTITLING									
INVENTORY									
PAYROLLPRG									
FINANCIALACC									
CODEGENRRATOP									
BOMBSAWAY									
VACCINES									
HOTLIMGMT									
TSRHELPPKG									
HOSPITALMGMT									
TSREDITOR									
11 rows select	ed.								

Please Scroll Down----

73.) Display the programmer names and the cheapest packages developed by them in each Language



74.) Display the language used by each programmer to develop the highest selling and



77.) In which year were the most number of programmers born.



78.) In which month did most number of programmers join



79.) In which language are most of the programmers proficient



Scroll down please---

80.) Who are the male programmers earning below the average salary of female programmers.

```
1 select distinct(to_char(dob,'yyyy')) as year from programmer_16bce1112 where to_char(dob,'yyyy')=(select min(to_char(dob,'yyyy'))) from programmer_16bce!

Unsupported Command

Unsupported Command

VEAR

1968
```

81.) Who are the female programmers earning more than the highest paid maleprogrammer

82.) Which language has been stated as the PROF by most of the programmers

83.) Display the details of those who are drawing the same salary.

```
PRIAME DB 003 5 PROF1 PROF2 SALARY

REBECCA 91-JAN-67 91-DEC-90 F BASIC COUL 2500

RESCON 15-BP-85 11-MR-89 M COULD 2500

RESCON 15-BP-85 11-MR-89 M COULD 2500

RESCON 15-BP-85 11-MR-89 M COULD 2500

RATTAIC 16-BNO-65 21-ARP-90 M PASCAL 2800

RATTAIC 16-BNO-65 21-ARP-90 M PASCAL 2800

RESCON 15-BR-95 M COULD 2500

RESC
```

84.) Display the details of the software developed by the male programmers earning more than 3000/-

QL> select * f	From SOFTWARE_	16bce1112 when	re pname=any	(select pname	from PROG	RAMMER_16b	ce1112	where	salary>3000	and	sex= ^J M ^J
		SCOST	DCOST	SOLD							
NAND ASCAL		VIDEOTITLIN 7500									
NAND ASIC		PARACHUTES 399.95									
AMESH ASCAL		DEADLEE 599.95									
		TITLE									
		SCOST	DCOST	SOLD							
AMESH BASE		HOTLIMGMT 12000									

85.) Display the details of the packages developed in Pascal by the female programmers

SQL> Select * from S	OFTWARE_16bce1112 where	developing=	PASCAL an	d pname=any(sele	ct pname from P	ROGRAMMER_16bce1112	where sex='F')
PNAME							
DEVELOPING							
REVATHI PASCAL	HOSPITALMGMT 1100						

86.) Display the details of the programmers who joined before 1990

	DOB	DOJ	S PROF1	PROF2	SALARY
ANAND	12-APR-66	21-APR-92	M PASCAL	BASIC	
ALTAF	02-JUL-64	13-NOV-90	M CLIPPER	COBOL	2800
ULIANA	31-JAN-60	21-APR-90	F COBOL	DBASE	3000
CAMALA	30-OCT-68	02-JAN-92		DBASE	2900
MARY				ORACLE	
NELSON	11-SEP-85	11-MAR-89	M COBOL	DBASE	2500
PATTRICK	10-NOV-65	21-APR-90	M PASCAL		2800
QADIR	31-AUG-65	21-APR-90	M ASSEMBLY		
RAMESH			M PASCAL		3200
REBECCA	01-JAN-67	01-DEC-90	F BASIC	COBOL	2500
REMITHA	19-APR-70	20-APR-93		ASSEMBLY	3000
	DOB	DOJ	5 PROF1	PROF2	SALARY
REVATHT	02-DFC-69	02-JAN-92	F PASCAI	BASIC	3200
NAND	12-APR-66	21-APR-92	M PASCAL	BASTC	3200
ALTAF	92 III 64	13 NOV 98	M CITDDER	COROL	2800
ULIANA	31-JAN-60	21-APR-90	F COBOL	DBASE	3000
CAMALA	30-0CT-68	02-JAN-92	F COBOL F C	DBASE	2900
MARY	24-JUN-70	01-FEB-91	F CPP	ORACLE	4500
IELSON	11-SEP-85	11-MAR-89	M COBOL	DBASE	2500
	10-NOV-65				2800
				DBASE	
	DOB	DOJ	5 PROF1	PROF2	SALARY
PEDECCA	91 JAN 67	01 DEC 00	E DASTC	COROL	2500
REMITHA	10_ADR 70	20-ADR-02	F C	COBOL ASSEMBLY BASIC	3000
EVATHE	92-DEC-60	92-JAN-93	E DASCAL	RASTO	3200
TTTAVA	14 DEC 65	02 MAY 02	E EOVERO	C	4500

87.) Display the details of the software developed in c by female programmers of Pragathi

```
SQL> Select * from SOFTWARE 16bce1112 where developing='C' and pname=any(select pname from PROGRAMMER_16bce1112 where sex='F') and pname=any(select pname from S_16bce1112 where institute='PRAGATHI');

no rows selected
```

88.) Display the number of packages, number of copies sold and sales value of each programmer institute wise.

```
SQL> Select * from SOFTWARE_16bce1112 where developing='C' and pname=any(select pname from PROGRAMMER_16bce1112 where sex='F') and pname=any(select pname from SI_16bce1112 where institute="PRAGATHI');

no rows selected

SQL> Select STUDIES_16bce1112.institute,count(SOFTWARE_16bce1112.title) as packages_no, count(SOFTWARE_16bce1112.sold) as no_of_copies_sum(SOFTWARE_16bce1112.sold)

SQL> Select STUDIES_16bce1112.institute,count(SOFTWARE_16bce1112.sold) as no_of_copies_sum(SOFTWARE_16bce1112.sold)

SQL> Select STUDIES_16bce1112.sold) as no_of_copies_sum(SOFTWARE_16bce1112.sold)

SQL> Select STUDIES_16bce1112.sold) as no_of_copies_sum(SOFTWARE_16bce1112.sold)

SQL> Select STUDIES_16bce1112.sold) as no_of_copies_sum(SOFTWARE_16bce1112.sold)

SQL> SOFTWARE_16bce1112.sold) as no_of_copies_sum(SOFTWARE_16bce1112.sold)

SQL> SOFTWARE_16bce1112.sold) as no_of_copies_sum(SOFTWARE_16bce1112.sold)

SQL> SOFTWARE_16bce1112.sold) as no_of_copies_sum(SOFTWARE_16bce1112.sold)

SQL> SOFTWARE_16bce1112.sold) as no_of_copies_sum(SOFTWARE_16bce1112.sold)

SQL> SOFTWARE_16bce1112.sold)

SQL> SOFTWARE_16bce1112.sold) as no_of_copies_sum(SOFTWARE_16bce1112.sold)

SQL> SOFTWARE_16bce1112.sold) as no_of_copies_sum(SOFTWARE_16bce1112.sold)

SQL> SOFTWARE_16bce1112.sold)

SQL> SOFTWARE_16bce1112.sold)

SQL> SOFTWARE_16bce1112.sold)

SQL> SOFTWARE_16bce1112.sold)

SQL> SOFTWARE_16bce1112.sol
```

92.) Display the details of the software developed by the male students of Sabhari

93.) Display the names of the programmers who have not developed any packages

```
SQL> Select pname from PROGRAMMER_16bce1112 where pname not in(select pname from SOFTWARE_16bce1112);

PNAME

ALTAF
NELSON
REBECCA
ALTAF
NELSON
REBECCA
IREBECCA
IREBECCA
RESON
RESON
RESON
RESON
RESON
RESON
RESON
```

94.) What is the total cost of the software developed by the programmers of apple

```
SQL> Select sum(dcost) from SOFTWARE_16bce1112 where pname=(select pname from STUDIES_16bce1112 where institute='APPLE');
SUM(DCOST)
-------
8400
```

95.) Display the names of the programmers who have not developed any packages'

```
SQL> Select pname from PROGRAMMER_16bce1112 where pname not in(select pname from SOFTWARE_16bce1112);

PNAME

ALTAF
NELSON
REBECCA
ALTAF
NELSON
REBECCA
ALTAF
NELSON
REBECCA
ACTAF
NELSON
REBECCA
ACTAF
NELSON
REBECCA
```

96.) Who are the programmers who have the same PROF2.

```
SQL> Select pname,prof2 from PROGRAMMER_lebceil12 where prof2-any(select prof2 from PROGRAMMER_lebceil12 p group by prof2 having prof2-p.prof2 and count(*)>1) oy prof2;

PHAME PROF2

RENITHA ASSIBLY

RENITHA ASSIBLY

RENITHA ASSIBLY

REVATHI BASIC

ANAND BASIC

VIJAYA C

QADIR C

QADIR C

QADIR C

QADIR C

QADIR C

ALTAF COBOL

RESECCA COBOL

PHAME PROF2

ALTAF COBOL

RESECCA COBOL

PHAME PROF2

ALTAF COBOL

RESECCA COBOL

DILIANA DBASE

DULIANA DBASE

DASSI

RAMALA DBASE

DASSE

DASSE

PHAME PROF2

MARY OBACLE

MARY OBACLE

MARY OBACLE

MARY OBACLE

Z4 rows selected.
```

97.) Display the total sales value of the software institute wise.

```
SQL> Select STUDIES_16bce1112.institute,sum(SOFTWARE_16bce1112.sold*SOFTWARE_16bce1112.scost) as sales_val from SOFTWARE_16bce1112, STUDIES_16bce1112 where SOFT 6bce1112.pname= STUDIES_16bce1112.pname group by STUDIES_16bce1112.institute;

INSTITUTE SALES_VAL

PRAGATHI 63080
SABHARI 360394.2
APPLE 48150
BUTS 6
BUTS 6
BUTS 59875
```

98.) In which institute does the person who developed the costliest package studied.

99.) Which language listed in PROF1 and PROF2 has not been used to develop any package

```
SOL'S Select prof1 from PROGRAMMER_16bce1112 where prof1 not in(select developing from SOFTWARE_16bce1112) union select prof2 from PROGRAMMER_16bce1112 where pro in(select developing from SOFTWARE_16bce1112);

PROF1

CLIPPER
FOXPRO
```

101.) How many months will it take for each programmer to recover the cost of the course under went

102.) Which is the costliest package by a person with under 3 years experience

```
SQL> Select s.title,p.pname,s.scost from SOFTWARE_16bce1112 s,PROGRAMMER_16bce1112 p where((months_between(sysdate,p.doj))/12)<3 and p.pname=s.pname; no rows selected
```

103.) What is the average salary for those whose software sales is more than 50,000/-

```
SQL> select pname,institute from STUDIES_16bce1112 where pname not in (select pname from SOFTWARE_16bce1112);

PNAME INSTITUTE

ALTAF COIT
NELSON PRAGATHI
PATRICK PRAGATHI
RESECCA BRILLIANT
```

108.) List the programmers from the software table and the institutes they studied including those who did not develop and package

```
PNAME INSTITUTE

ALTAF COIT
NELSON PRAGATHI
PATRICK PRAGATHI
RESECCA BRILLIANT
```