QUERIES\_4

* Display the details of THOSE WHO are drawing the same salary.
* Display the details of software developed by male programmers earning MORE than 3000.
* Display details of packages developed in PASCAL by female programmers.
* Display the details of the programmer WHO joined BEFORE 1990.
* Display details of software developed in C by female programmers of PRAGATHI.
* Display NUMBER of packages NUMBER of copies sold and sales value of EACH programmer Institute-wise.
* Display details of software developed in DBASE by male programmers WHO belong to the institute on which MOST NUMBER OF programmer’s studies.
* Display the details of the software that was developed by male programmers born BEFORE 1965 and female programmers born AFTER 1975.
* Display the details of the software that was developed in the language that is NOT the programmer’s first proficiency.
* Display details of software that was developed in the language which is NEITHER first NOR second proficiency of the programmer.
* Display details of software developed by male students of SABHARI.
* Display the names of programmers WHO HAVE NOT developed any package.
* What is the total cost of the software developed by the programmers by APPLE?
* Who are the programmers WHO JOINED in the same day?
* Who are the programmers WHO HAVE THE SAME PROF2?
* Display the total sales values of software, institutes-wise.
* In which institutes did the person who developed the COSTLIEST package study?
* Which language listed in prof1 and prof2 HAS NOT BEEN used to develop any package?
* How much does the person WHO developed the HIGHEST selling package earn and WHAT course did he/she undergo?
* How many months will it take for each programmer to recover the cost of the course underwent?
* Which is the COSTLIEST package developed by a person with under 3 year’s expenences?
* What is the AVERAGE salary for those WHOSE software's sales value is more than 50,000?
* How many packages were developed by the students WHO studied in the institute that Charge the LOWEST course fee?
* How many packages were developed by the person WHO developed the CHEAPEST package? Where did he\she study?
* How many packages were developed by female programmers earning MORE than the HIGHEST paid male programmer?
* How many packages were developed by the MOST experienced programmers from BDPS?
* List the programmers (from software table) and institutes they studied, including those WHO DIDN'T develop any package.
* List each profit with the number of programmers having that prof1 and the number of packages developed in that prof1.
* List programmer names (from programmer table) and number of packages EACH developed.
* List all the details of programmers who have done a course at S.S.I.L

ANSWERS:

-- 1

SELECT NAME,SALARY

FROM assessmentdatabase.PROGRAMMER

WHERE SALARY=ANY(SELECT SALARY FROM assessmentdatabase.PROGRAMMER GROUP BY SALARY HAVING

SALARY=SALARY AND COUNT(\*)>1);

-- 2

SELECT NAME,PROF1,PROF2

FROM assessmentdatabase.PROGRAMMER

WHERE NAME=NAME AND SALARY>3000 AND SEX='M';

-- 3

SELECT \*

FROM assessmentdatabase.PROGRAMMER P,assessmentdatabase.SOFTWARE S

WHERE P.NAME=S.NAME AND SEX='F' AND DEV\_IN='PASCAL';

-- 5

SELECT \*

FROM assessmentdatabase.SOFTWARE S,assessmentdatabase.PROGRAMMER P,assessmentdatabase.STUDIES ST

WHERE S.NAME = ST.NAME AND P.NAME = S.NAME AND SEX='F' AND SPLACE='PRAGATHI';

-- 7

SELECT \*

FROM assessmentdatabase.PROGRAMMER P,assessmentdatabase.SOFTWARE S,assessmentdatabase.STUDIES ST

WHERE P.NAME=S.NAME AND S.NAME=ST.NAME AND P.NAME=ST.NAME AND SEX='M' AND DEV\_IN='COBOL'

AND SPLACE=(SELECT SPLACE

FROM assessmentdatabase.STUDIES GROUP BY SPLACE

HAVING COUNT(SPLACE)=(SELECT MAX(COUNT(SPLACE))

FROM assessmentdatabase.STUDIES GROUP BY SPLACE));

-- 9

SELECT DISTINCT S.\*

FROM assessmentdatabase.SOFTWARE S, assessmentdatabase.PROGRAMMER P

WHERE P.PROF1<>S.DEV\_IN AND S.NAME=P.NAME;

-- 10

SELECT S.\*

FROM assessmentdatabase.SOFTWARE S, assessmentdatabase.PROGRAMMER P

WHERE S.NAME=P.NAME AND(DEV\_IN <> PROF1 AND DEV\_IN<>PROF2);

-- 11

SELECT \*

FROM assessmentdatabase.SOFTWARE S, assessmentdatabase.PROGRAMMER P,assessmentdatabase.STUDIES ST

WHERE S.NAME=P.NAME AND S.NAME=ST.NAME AND ST.NAME=P.NAME AND SEX='M' AND SPLACE='SABHARI';

-- 12

SELECT NAME

FROM assessmentdatabase.PROGRAMMER

WHERE NAME NOT IN (SELECT NAME FROM assessmentdatabase.SOFTWARE);

-- 13

SELECT SUM(SCOST)

FROM assessmentdatabase.SOFTWARE S,assessmentdatabase.STUDIES ST

WHERE S.NAME=ST.NAME AND SPLACE='APPLE';

-- 15

SELECT NAME

FROM assessmentdatabase.PROGRAMMER

WHERE PROF2=ANY(SELECT PPROF2

FROM assessmentdatabase.PROGRAMMER

GROUP BY PROF2 HAVING COUNT(\*)>1);

-- 16

SELECT SPLACE,SUM(SOLD\*SCOST)

FROM assessmentdatabase.SOFTWARE,assessmentdatabase.STUDIES

WHERE NAME=NAME GROUP BY SPLACE;

-- 17

SELECT SPLACE

FROM assessmentdatabase.SOFTWARE S,assessmentdatabase.STUDIES ST

WHERE S.NAME=ST.NAME

GROUP BY SPLACE,DCOST

HAVING MAX(DCOST)=(SELECT MAX(DCOST)

FROM assessmentdatabase.SOFTWARE);

-- 18

SELECT PROF1

FROM assessmentdatabase.PROGRAMMER

WHERE PROF1 NOT IN(SELECT DEV\_IN

FROM assessmentdatabase.SOFTWARE)

UNION

SELECT PROF2

FROM assessmentdatabase.PROGRAMMER

WHERE PROF2 NOT IN(SELECT DEV\_IN

FROM assessmentdatabase.SOFTWARE);

-- 19

SELECT P.SALARY,ST.COURSE

FROM assessmentdatabase.PROGRAMMER P,assessmentdatabase.SOFTWARE S,assessmentdatabase.STUDIES ST

WHERE P.NAME=S.NAME AND S.NAME=ST.NAME AND ST.NAME=P.NAME

AND SCOST=(SELECT MAX(SCOST)

FROM assessmentdatabase.SOFTWARE);

-- 20

SELECT P.NAME,CEIL(CCOST/SALARY)

FROM assessmentdatabase.PROGRAMMER P,assessmentdatabase.STUDIES ST

WHERE ST.NAME=P.NAME;

-- 22

SELECT AVG(SALARY)

FROM assessmentdatabase.PROGRAMMER P,assessmentdatabase.SOFTWARE S

WHERE P.NAME=S.NAME AND SOLD\*SCOST>50000;

-- 23

SELECT COUNT(S.NAME)

FROM assessmentdatabase.SOFTWARE S,assessmentdatabase.STUDIES ST

WHERE S.NAME=ST.NAME

GROUP BY S.NAME,CCOST

HAVING MIN(CCOST)=(SELECT MIN(CCOST)

FROM assessmentdatabase.STUDIES);

-- 24

SELECT COUNT(\*)

FROM assessmentdatabase.PROGRAMMER P,assessmentdatabase.SOFTWARE S

WHERE S.NAME=P.NAME

GROUP BY DEV\_IN

HAVING MIN(DCOST)=(SELECT MIN(DCOST)

FROM assessmentdatabase.STUDIES);

-- 25

SELECT COUNT(DEV\_IN)

FROM assessmentdatabase.PROGRAMMER P,assessmentdatabase.SOFTWARE S

WHERE S.NAME=P.NAME AND SEX='F' AND SALARY>(SELECT MAX(SALARY)

FROM assessmentdatabase.PROGRAMMER P,assessmentdatabase.SOFTWARE S

WHERE S.NAME=P.NAME AND SEX='M');

-- 27

SELECT NAME,SPLACE

FROM assessmentdatabase.STUDIES

WHERE NAME NOT IN(SELECT NAME

FROM assessmentdatabase.SOFTWARE);

-- 28

SELECT COUNT(\*),SUM(SCOST\*SOLD-DCOST) "PROFIT"

FROM assessmentdatabase.SOFTWARE

WHERE DEV\_IN IN (SELECT PROF1

FROM assessmentdatabase.PROGRAMMER)

GROUP BY DEV\_IN;

-- 29

SELECT S.NAME,COUNT(DEV\_IN)

FROM assessmentdatabase.PROGRAMMER P,assessmentdatabase.SOFTWARE S

WHERE P.NAME=S.NAME

GROUP BY S.NAME;

-- 30

SELECT P.\*

FROM assessmentdatabase.PROGRAMMER P,assessmentdatabase.STUDIES S

WHERE SPLACE='SSIL' AND P.NAME=S.NAME AND S.SPLACE='SSIL';