EXP 4

SQL> SELECT NAME,DEPT\_NAME FROM INSTRUCTOR;

NAME DEPT\_NAME

-------------------- --------------------

MOZART MUSIC

EINSTEIN PHYSICS

EI SAID HISTORY

GOLD PHYSICS

SRINIVASAN COMP.SCI

WU FINANCE

2. SQL> SELECT DISTINCT SEMESTER FROM TEACHES;

SEMESTER

----------

SPRING

SUMMER

FALL

3. SQL> SELECT NAME,SALARY\*1.1 FROM INSTRUCTOR;

NAME SALARY\*1.1

-------------------- ----------

MOZART 50820

EINSTEIN 114950

EI SAID 76230

GOLD 105270

SRINIVASAN 82582.5

WU 108900

4. SQL> SELECT NAME FROM INSTRUCTOR

2 WHERE DEPT\_NAME='COMP.SCI'AND

3 SALARY>70000;

NAME

--------------------

SRINIVASAN

5. SQL> SELECT I.NAME,I.DEPT\_NAME,D.BUILDING FROM INSTRUCTOR I,DEPARTMENT D

2 WHERE I.DEPT\_NAME=D.DEPT\_NAME;

NAME DEPT\_NAME

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BUILDING

--------------------------------------------------

SRINIVASAN COMP.SCI

TAYLOR

WU FINANCE

PAINTER

EI SAID HISTORY

TAYLOR

NAME DEPT\_NAME

-------------------- --------------------

BUILDING

--------------------------------------------------

MOZART MUSIC

PACKARD

GOLD PHYSICS

WATSON

EINSTEIN PHYSICS

WATSON

6)

SQL> SELECT I.NAME,T.COURSE\_ID FROM INSTRUCTOR I,TEACHES T

2 WHERE I.DEPT\_NAME='COMP.SCI'AND I.ID=T.ID;

NAME COURSE\_ID

-------------------- ----------

SRINIVASAN CS-101

SRINIVASAN CS-347

7) SQL> SELECT \* FROM COURSE WHERE TITLE LIKE'INTRO%';

COURSE\_ID TITLE DEPT\_NAME CREDITS

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BIO-101 INTRO TO BIO BIOLOGY 4

CS-101 INTRO TO CSE COMP.SCI 4

8) SQL> SELECT \* FROM COURSE WHERE TITLE LIKE '%COMP%';

COURSE\_ID TITLE DEPT\_NAME CREDITS

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BIO-399 COMPUTATIONAL BIO BIOLOGY 3

9) SQL> SELECT \* FROM STUDENT

2 WHERE LENGTH(NAME)=3;

ID NAME DEPT\_NAME TOT\_CRED

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76653 AOI ELEC.ENG 60

10) SQL> SELECT \* FROM INSTRUCTOR

2 WHERE LENGTH(NAME)>=3;

ID NAME DEPT\_NAME SALARY

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15151 MOZART MUSIC 46200

22222 EINSTEIN PHYSICS 104500

32345 EI SAID HISTORY 69300

33456 GOLD PHYSICS 95700

10101 SRINIVASAN COMP.SCI 75075