

1. **CREATE TABLE** scores (studentName **VARCHAR**(30), score **INT**, maxScore **INT**);
2. **INSERT INTO** scores (studentName, score, maxScore) **VALUES** ('Kyle', 80, 200);

studentName varchar(30)	score int	maxScore int
Kyle	80	200

3. **SELECT** studentName, score **FROM** scores **WHERE** maxScore = 200;

studentName varchar(30)	score int
Kyle	80

4. **CREATE TABLE** appts (student **VARCHAR**(14), advisor **CHAR**(3), room **INT**);
5. **INSERT INTO** appts (student, advisor, room) **VALUES** ('Kelly', 'JSR', 5);

student varchar(14)	advisor char(3)	room int
Kelly	JSR	5

6. **SELECT** student **FROM** appts **WHERE** advisor = 'JSR';

student varchar(14)
Kelly

7.

a. `SELECT * FROM FRIENDS WHERE LASTNAME LIKE 'M%';`

LASTNAME varchar(30)	FIRSTNAME varchar(30)	AREACODE int	PHONE varchar(255)	STATE char(2)	ZIP int
MEZA	AL	200	555-2222	UK	12345
MERRICK	BUD	300	555-6666	CO	80212
MAST	JD	381	555-6767	LA	23456

b. `SELECT * FROM FRIENDS WHERE STATE = 'IL' AND FIRSTNAME = 'AL';`

LASTNAME varchar(30)	FIRSTNAME varchar(30)	AREACODE int	PHONE varchar(255)	STATE char(2)	ZIP int
BUNDY	AL	100	555-1111	IL	22333

c. `SELECT PARTNO FROM PART1 INTERSECT SELECT PARTNO FROM PART2;`

d. `SELECT DISTINCT P1.PARTNO FROM PART1 P1 INNER JOIN PART2 P2 ON
P1.PARTNO = P2 PARTNO;`

e. `WHERE a BETWEEN 10 AND 30;`

f. `SELECT FIRSTNAME FROM FRIENDS WHERE FIRSTNAME = 'AL' AND LASTNAME =
'BULHER';`

i. It returns an empty set as there is no member in the friends table who's
first name is AL and the Last Name is Bulcher.

g. `SELECT LASTNAME AS NAME, STATE AS ST FROM FRIENDS WHERE FIRSTNAME =
'AL' AND STATE = 'IL';`

NAME varchar	ST string
BUNDY	IL

h. `SELECT LASTNAME || ',' || FIRSTNAME AS NAME, AREA CODE || '-' || PHONE AS
PHONE FROM FRIENDS WHERE LASTNAME IN ('MERRICK', 'MAST', 'BULHER')
ORDER BY LASTNAME DESC;`

8. ANSI

9. Projection

10. A – Distinct / B - Unique

11.

- a. `SelectT * FROM employees;` (two T's in the select word)
- b. `SELECT * FROM "employees"` (unless employees created with double quotes)
- c. `SELECT * FROM employees;`

12. Right

13.

- a. `Select (100*2+50)/5 from dual OR`
- d. `Select ((100 *2)+50)/5 from dual;`

14. .

- c. compensation: "null" commission: "Commission is "

15. .

- d. Be enclosed with double quotes

16.

- a. `SELECT`
- b. `FROM`

17. True

18. Single Quotes

19. 201

20. OR

21. .

- a. `" _ "`

22. .

b. NOT

23. End of result set.

24. DESC (ORDER BY 'COLUMN1' DESC)

25. .

- a. column name or expression in the select list.
- b. a column alias in the select list.
- c. a number representing the column position in the select list.
- d. a column found in the data source but not in the select list.

26. A value for each row in the result set

27. UPPER

28.

b. c

29. .

c. A

30. .

- a. Select substr(46.567, 1, 2) from dual; (works because of implicit conversion-not if in doubles quotes)
- d. Select trunc(46.567) from dual;

31. .

c. sysdate + 1/24

32. .

b. TO_CHAR(TO_DATE('25-MAY-04','DD-MON-YY'), 'Month Ddspth, Year')

33. salary * 12

34. RR

35. Selection

36. .

c. *

37. .

d. multiplication, division, addition, subtraction

38. .

a. `SELECT 'Mr./Ms. ' || first_name || ' ' || last_name || ' ' || 'is an employee of our company.' AS "Employees" FROM employees;`

39. .

c. Be enclosed with double quotes

40. .

c. The result is null

41. .

d. `SELECT department_id, last_name, first_name FROM employees;`

42. .

c. AND

43. .

b. The results are sorted first numerically then alphabetically.

44. .

c. Results for the code_number column will be displayed from smallest number to largest number.

45. .

b. `ORDER BY last_name, first_name, department_id, salary DESC`

46. .

a. `job_id = 'AD_PRES' AND hire_date LIKE '03-JUN-04';`

47. .

b. % and _

48. .

c. Any employee with an employee_id of 103 and also any employee whose salary is 4000.

49. .

c. 410

50. .

d. SELECT last_name FROM employees WHERE last_name LIKE 'S%ae%';

51. .

d. Putting a column number in the SELECT list.

52. .

c. Four columns will be displayed with hire_dates displayed with the most recent dates listed first.