



Working With DRL-Select

Workbook

Answer the following

1. Write a query to select Emp_Name and DeptNo from “Emp” table _____.
2. Write a query to retrieve records from “Emp” table _____.
3. Write a query to retrieve ‘Salary’ from “Emp” table _____.
4. _____ operator is used for SQL wildcards.
5. _____ character is used to separate column names in a SELECT statement.
6. _____ keyword is used to retrieve data from a table.
7. Where is the GROUP BY clause placed in a SQL SELECT statement? _____
8. Write a query to select Emp_name in ascending order from “employee” table.

Exercises

- Write the expected output, or compiler errors if any, for each of the following programs.

Program 1

```
SQL> DESC employees;
Name                               Null?    Type
-----
EMPLOYEE_ID                       NOT NULL INT(6)
FIRST_NAME                        VARCHAR(20)
LAST_NAME                         NOT NULL VARCHAR(25)
EMAIL                             NOT NULL VARCHAR(25)
PHONE_NUMBER                      VARCHAR(20)
HIRE_DATE                        NOT NULL DATE
JOB_ID                           NOT NULL VARCHAR(10)
SALARY                           FLOAT(11)
```



COMMISSION_PCT	FLOAT(12)
MANAGER_ID	INT(6)
DEPARTMENT_ID	INT(4)

Q1: What will be the output of the query given below?
SELECT distinct salary from employees where last_name =
'Adam';

Program 2

SQL> select *from Emp;

EMPNO	SAL
7499	1600
7521	8500
7566	2975
7654	1250
7698	2850
7782	2450
7788	3000
7839	5000

8 rows selected.

Q1: What will be the output of the query given below?
SELECT empno, sal FROM emp WHERE sal > Any(2000, 3000,
4000);

Q2: What will be the output of the query given below?
SELECT empno, sal FROM emp WHERE all> Any (2000, 3000,
4000);

Q3: What will be the output of the query given below?
SELECT empno, sal FROM emp WHERE sal > Some (2000, 3000,
4000);

Program 3

SQL> SELECT * FROM CHECKS;

CHECK#	PAYEE	AMOUNT	REMARKS
1	Ma Bell	150	Have sons next time
2	Reading R.R.	245.34	Train to Chicago



3 Ma Bell	200.32 Cellular Phone
4 Local Utilities	98 Gas
5 Joes Stale \$ Dent	150 Groceries
16 Cash	25 Wild Night Out
17 Joans Gas	25.1 Gas
9 Abes Cleaners	24.35 X-Tra Starch
20 Abes Cleaners	10.5 All Dry Clean
8 Cash	60 Trip to Boston
21 Cash	34 Trip to Dayton

11 rows selected.

Q1: What will be the output of the query given below?

```
SELECT * FROM CHECKS ORDER CHECK#;
```

Q2: What will be the output of the query given below?

```
SELECT PAYEE, AMOUNT FROM CHECKS ORDER BY CHECK# ASC;
```

Q3: Write a query to order CHECKS by PAYEE and REMARKS.

Q4: What will be the output of the query given below?

```
SELECT * FROM CHECKS ORDER BY PAYEE ASC, REMARKS DESC;
```