**SQL**

**1.** Create table called Employee with the following structure.

|  |  |
| --- | --- |
| **NAME** | **TYPE** |
| empno | number |
| ename | Varchar(20) |
| job | Varchar(20) |
| sal | number |

**a)** Add a column age with domain to the employee table.

**b)** Insert any five records into the table.

**c)** Update the column details of job.

**d)** Rename the column employee table using alter command.

**e)** Delete the employee whose empno is 2.

**ANSWERS**

**Create Table Employee**

SQL> CREATE TABLE EMPLOYEE (empno number(10),ename varchar(20),job varchar(20),sal number(10));

**b) Insert values to the table**

SQL> INSERT INTO EMPLOYEE VALUES(&empno,'&ename','&job',&sal);

Enter value for empno: 1

Enter value for ename: Anju

Enter value for job: software engineer

Enter value for sal: 50000

old 1: INSERT INTO EMPLOYEE VALUES(&empno,'&ename','&job',&sal)

new 1: INSERT INTO EMPLOYEE VALUES(1,'Anju','software engineer',50000)

1 row created.

SQL> INSERT INTO EMPLOYEE VALUES(&empno,'&ename','&job',&sal);

Enter value for empno: 2

Enter value for ename: Sara

Enter value for job: software engineer

Enter value for sal: 50000

old 1: INSERT INTO EMPLOYEE VALUES(&empno,'&ename','&job',&sal)

new 1: INSERT INTO EMPLOYEE VALUES(2,'Sara','software engineer',50000)

1 row created.

**Display Table Employee**

SQL> SELECT \* FROM EMPLOYEE;

EMPNO ENAME JOB SAL

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1 Anju software engineer 50000

2 Sara software engineer 50000

**a) Add column age**

SQL> ALTER TABLE EMPLOYEE ADD (age NUMBER(10));

Table altered.

SQL> SELECT \* FROM EMPLOYEE;

EMPNO ENAME JOB SALARY AGE

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

1 Minnu Teacher 50000

SQL> UPDATE EMPLOYEE SET age=20 WHERE empno=1;

1 row updated.

SQL> SELECT \* FROM EMPLOYEE;

EMPNO ENAME JOB SALARY AGE

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

1 Minnu Teacher 50000 20

**c) update job details**

SQL> UPDATE EMPLOYEE SET job='Teacher' WHERE empno=1;

1 row updated.

SQL> SELECT \* FROM EMPLOYEE;

EMPNO ENAME JOB SAL

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

1 Anju Teacher 50000

2 Sara software engineer 50000

**d) Rename column sal to salary**

SQL> ALTER TABLE EMPLOYEE RENAME COLUMN sal to salary;

Table altered.

SQL> SELECT \* FROM EMPLOYEE;

EMPNO ENAME JOB SALARY

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1 Anju Teacher 50000

2 Sara software engineer 50000

**e) delete employee whose empno=2**

SQL> DELETE EMPLOYEE WHERE empno=2;

1 row deleted.

SQL> SELECT \* FROM EMPLOYEE;

EMPNO ENAME JOB SALARY

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1 Anju Teacher 50000