

Lab - 9

SQL query based on DDL – 1

1. Write a query to create a table emp with empno, ename, designation, and salary

```
CREATE TABLE emp (  
  empno INT PRIMARY KEY,  
  ename VARCHAR(100),  
  designation VARCHAR(50),  
  salary DECIMAL(10, 2));
```

Results Explain Describe Saved SQL History

Table created.

0.11 seconds

2. Write a query for create a from an existing table with all the fields

```
CREATE TABLE emp2 AS  
SELECT * FROM emp;
```

Results Explain Describe Saved SQL History

Table created.

0.11 seconds

EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	SALARY	COMMISSION_PCT	MANAGER_ID	DEPARTMENT_ID
920	John	Doe	john.doe	555.123.4988	23-MAY-24	SA_REP	5000	.1	101	30
310	John	Doe	john.doe@example.com	555-1234	23-MAY-24	SA_REP	5000	.1	101	30
205	Shelley	Higgins	SHIGGINS	515.123.8080	07-JUN-94	AC_MGR	12000	-	101	110
206	William	Gietz	WGIEZT	515.123.8181	07-JUN-94	AC_ACCOUNT	8300	-	205	110

109 rows returned in 0.00 seconds [CSV Export](#)

3. Write a query for create a from an existing table with selected fields.

```
CREATE TABLE emp3 AS  
SELECT employee_id,first_name  
FROM employees;
```

Results Explain Describe Saved SQL History

Table created.

0.11 seconds

Results	Explain	Describe	Saved SQL	History
EMPLOYEE_ID	FIRST_NAME			
920	John			
310	John			
205	Shelley			
206	William			

109 rows returned in 0.02 seconds [CSV Export](#)

4. Write a query for create a new table from an existing table without any record.

```
CREATE TABLE emp4 AS
SELECT * FROM employees
WHERE 1 = 0;
```

Results	Explain	Describe	Saved SQL	History
no data found				

5. Write a Query to Alter the column EMPNO.

```
ALTER TABLE emp3
ADD location_id NUMBER(10);
```

Results	Explain	Describe	Saved SQL	History
Table altered.				
0.03 seconds				
EMPLOYEE_ID	FIRST_NAME	LOCATION_ID		
920	John	-		
310	John	-		
205	Shelley	-		
206	William	-		

109 rows returned in 0.01 seconds [CSV Export](#)