

```
SQL> CREATE TABLE PATIENT_23 (PID VARCHAR(5) PRIMARY KEY, NAME
VARCHAR(10), ADDRESS VARCHAR(10));
```

Table created.

```
SQL> DESC PATIENT_23;
```

Name	Null?	Type

PID	NOT NULL	VARCHAR2(5)
NAME		VARCHAR2(10)
ADDRESS		VARCHAR2(10)

```
SQL> INSERT INTO PATIENT_23 VALUES ('&PID', '&NAME', '&ADDR');
```

Enter value for pid: 12345

Enter value for name: SHAJI

Enter value for addr: PALA

old 1: INSERT INTO PATIENT_23 VALUES ('&PID', '&NAME', '&ADDR')

new 1: INSERT INTO PATIENT_23 VALUES ('12345', 'SHAJI', 'PALA')

1 row created.

Commit complete.

```
SQL> SELECT * FROM PATIENT_23;
```

PID	NAME	ADDRESS
-----	-----	-----
12345	SHAJI	PALA
23456	VIPIN	MUMBAI
34567	MAHIMA	PULLUR
45678	SALMAN	CALICUT

```
SQL> CREATE TABLE DETAILS_23(PID VARCHAR(5) PRIMARY KEY, DISEASE
VARCHAR(15), DOCTOR_NAME VARCHAR(10), ADMIT_DATE DATE, DISCHARGED
VARCHAR(5), AMT_PAID NUMBER(6));
```

Table created.

```
SQL> DESC DETAILS_23;
```

Name	Null?	Type
PID	NOT NULL	VARCHAR2(5)
DISEASE		VARCHAR2(15)
DOCTOR_NAME		VARCHAR2(10)
ADMIT_DATE		DATE
DISCHARGED		VARCHAR2(5)
AMT_PAID		NUMBER(6)

```
SQL> INSERT INTO DETAILS_23 VALUES ('&PID', '&DISEASE', '&DR',
'&ADMIT_DATE', '&DISCHARGED', &AMT);
```

Enter value for pid: 12345

Enter value for disease: CHICKEN POX

Enter value for dr: DR. JACOB

Enter value for admit_date: 16-OCT-2023

Enter value for discharged: NO

Enter value for amt: NULL

```
old 1: INSERT INTO DETAILS_23 VALUES ('&PID', '&DISEASE', '&DR',
'&ADMIT_DATE', '&DISCHARGED', &AMT)
```

```
new 1: INSERT INTO DETAILS_23 VALUES ('12345', 'CHICKEN POX', 'DR.
JACOB', '16-OCT-2023', 'NO', NULL)
```

1 row created.

Commit complete.

```
SQL> SELECT * FROM DETAILS_23;
```

PID	DISEASE	DOCTOR_NAM	ADMIT_DAT	DISCH	AMT_PAID
12345	CHICKEN POX	DR. JACOB	16-OCT-23	NO	
23456	COUGH	DR. RAGHU	12-AUG-23	NO	
34567	COVID	DR. PHILIP	01-SEP-23	NO	
45678	TUMOR	DR. SURESH	18-JUL-23	NO	

```
SQL> CREATE TABLE HISTORY_23(PID VARCHAR(5) PRIMARY KEY, NAME
VARCHAR(10), ADDRESS VARCHAR(15), DISEASE VARCHAR(15), DOCTOR_NAME
VARCHAR(10), DISCHARGE_DATE DATE);
```

Table created.

```
SQL> DESC HISTORY_23;
```

Name	Null?	Type
PID	NOT NULL	VARCHAR2(5)
NAME		VARCHAR2(10)
ADDRESS		VARCHAR2(15)
DISEASE		VARCHAR2(15)
DOCTOR_NAME		VARCHAR2(10)
DISCHARGE_DATE		DATE

hosp.sql

```
CREATE OR REPLACE TRIGGER HOSPITAL
AFTER UPDATE OF DISCHARGED ON DETAILS_23
FOR EACH ROW
WHEN(NEW.DISCHARGED = 'YES')
DECLARE
    PID1 VARCHAR(5);
    NAME1 VARCHAR(10);
    ADDRESS1 VARCHAR(10);
BEGIN
    SELECT PID, NAME, ADDRESS INTO PID1, NAME1, ADDRESS1 FROM PATIENT_23
WHERE PID = :OLD.PID;
```

```

INSERT INTO HISTORY_23
VALUES(PID1,NAME1,ADDRESS1,:OLD.DISEASE,:OLD.DOCTOR_NAME,SYSDATE);
END;

```

OUTPUT

```

SQL> @hosp
14 /

```

Trigger created.

```

SQL> UPDATE DETAILS_23 SET DISCHARGED='YES',AMT_PAID=6000 WHERE
PID='12345';

```

1 row updated.

Commit complete.

```

SQL> SELECT * FROM HISTORY_23;

```

PID	NAME	ADDRESS	DISEASE	DOCTOR_NAM	DISCHARGE_
12345	SHAJI	PALA	CHICKEN POX	DR. JACOB	14-NOV-23

```

SQL> UPDATE DETAILS_23 SET DISCHARGED='YES',AMT_PAID=12000 WHERE
PID='34567';

```

1 row updated.

Commit complete.

```

SQL> SELECT * FROM HISTORY_23;

```

PID	NAME	ADDRESS	DISEASE	DOCTOR_NAM	DISCHARGE_
12345	SHAJI	PALA	CHICKEN POX	DR. JACOB	14-NOV-23
34567	MAHIMA	PULLUR	COVID	DR. PHILIP	14-NOV-23

```
SQL> SELECT * FROM DETAILS_23;
```

PID	DISEASE	DOCTOR_NAM	ADMIT_DAT	DISCH	AMT_PAID
12345	CHICKEN POX	DR. JACOB	16-OCT-23	YES	6000
23456	COUGH	DR. RAGHU	12-AUG-23	NO	
34567	COVID	DR. PHILIP	01-SEP-23	YES	12000
45678	TUMOR	DR. SURESH	18-JUL-23	NO	