## Practical-13

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Date:	

AIM: The price of a product changes constantly. It is important to maintain the history of the prices of the products. Create a trigger to update the 'product\_price\_history' table when the price of the product is updated in the 'product' table.

```
Input:-

i). (Becate the product and product price history table:-

// Product Table

(REATE TABLE product (

product id NUMBER PRIMARY KEY,

product name VARCHAR2 (1000),

price NUMBER (10,2)

);

// Product Price History Table

(REATE TABLE product price history (

history id NUMBER PRIMARY KEY (RENERATED BY DEFAULT AS

product id NUMBER,

Old price NUMBER (10,2),

new price NUMBER (10,2),

Change date TIMESTAMP DEFAULT (URRENT TIMESTAMP,

FORETAN KEY (product id) REFERENCES product (product id)
```

## ii). (reate the Trigger:-

```
CREATE OR REPLACE TRIGGER tog update product price

AFTER UPDATE OF price ON product

FOR EACH ROW

BELTIN

INSERT INTO product price history (product id, old price,

VALUES (: OLD. product id,: OLD. price,: NEW. price);

END;
```

```
iii). Insert and fetch data:
 INSERT INTO product (product-id, product-name, price) VALUES
 INSERT INTO product (product-id, product-name, price) VALUES (2, 'Product B', 150.00);
 SELECT *
            FROM product;
 Output :-
              product name !
                 Product
                Product B
                                150.00
iv). Update and fetch data:
  UPDATE product
 SET price = 120.00
  WHERE product _ id = 1;
 SELECT * FROM Product;
 SELECT * FROM product price history;
 Output :-
 11 Product Table
  Product_id | Product_name
               Product A
                                120.00
               Product
                                150.00
```

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		100.00	120.00	2024-10-13
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