

SCD2 program without using update

```
CREATE TABLE products (  
    SerialNo INT,  
    ProductName VARCHAR(255),  
    Cost DECIMAL(10, 2),  
    Date DATE  
);
```

```
INSERT INTO products (SerialNo, ProductName, Cost, Date)  
VALUES  
    (1, 'S22', 800, '2021-01-01'),  
    (2, 'S23', 1000, '2023-01-01'),  
    (3, 'S22', 600, '2022-07-01'),  
    (4, 'S23', 1200, '2022-06-01'),  
    (5, 'S20', 400, '2018-06-01');
```

```
SELECT SerialNo, productname, cost, Date as "Start Date" ,  
    CASE WHEN Date < LEAD(date) OVER(PARTITION BY productname ORDER  
BY date) THEN LEAD(date) OVER(PARTITION BY productname ORDER BY date)  
    ELSE "9999-12-31" END AS "End Date"  
FROM products
```