

## Trigger –

This trigger was part of a database I worked on. The database represented the inventory and customer management of the bookstore at Syracuse University.

This trigger

```
DROP TRIGGER IF EXISTS total_date
```

```
CREATE TRIGGER total_order ON OrderItem
```

```
AFTER INSERT
```

```
AS
```

```
BEGIN
```

```
    DECLARE @curr_customer int;
```

```
    SET @curr_customer = (SELECT CustomerID FROM INSERTED)
```

```
    DECLARE @new_count int;
```

```
    SET @new_count = (SELECT DISTINCT CONVERT(int,os.NoOfUnits)
```

```
    FROM OrderSummary os
```

```
    INNER JOIN OrderItem oi ON
```

```
    os.OrderSummaryID = oi.OrderSummaryID
```

```
    WHERE oi.CustomerID = @curr_customer)
```

```
    DECLARE @new_sum int;
```

```
    SET @new_sum = (SELECT CONVERT(int,RIGHT(Price, LEN(Price) - 1)) FROM INSERTED) +  
(SELECT SUM(CONVERT(int,RIGHT(os.TotalPrice, LEN(os.TotalPrice) - 1)))
```

```
    FROM OrderSummary os
```

```
    INNER JOIN OrderItem oi ON
```

```
    os.OrderSummaryID = oi.OrderSummaryID
```

```
    WHERE oi.CustomerID = @curr_customer)
```

```
    INSERT INTO OrderSummary VALUES
```

```
    ((SELECT MAX(OrderSummaryID)+1 FROM OrderSummary),
```

```
    (CONVERT(varchar(30), @new_count)),
```

```
    (CONVERT(varchar(30), @new_sum)))
```

```
END
```

```
GO
```