**HANDS-ON IIF CONDITION, STORED PROCEDURE & VIEWS —------------------------------------------------------------------------------------------------------------------**

**Tables: Features, Sales, Stores**

| **IIF()**  **The IIF condition accepts three parameters.**   1. **CONDITION** 2. **TRUE** 3. **FALSE**   **IIF (Condition, TRUE statement, FALSE statement)** |
| --- |

**1. Create a Store\_Status column in the Sales to check whether the Store is open or closed.**

Select \*, IIF(IsHoliday ='TRUE', 'Open','Closed') as Store\_Status

from Sales



| **VIEW:**  A View is just like a real table. The views are generally referred to as a virtual table. |
| --- |

**2. Create a view to include the Store\_Status column.**

**// View Creation**

create view Store\_Status\_View as

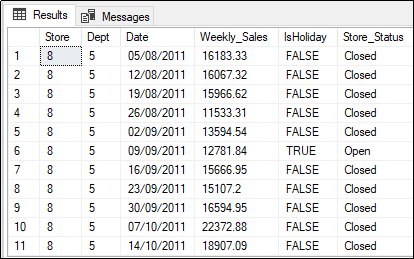
Select \*, IIF(IsHoliday ='TRUE', 'Open','Closed') as Store\_Status

from Sales



**// To view the View**

select \* from Store\_Status\_View



| **STORED PROCEDURE:**  The Stored Procedure can be created once and re-used many times The Stored Procedure will also accept the parameters. |
| --- |

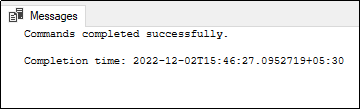
**3. Create a Stored Procedure to estimate the 10 % increase in fuel price.**

**// Stored Procedure Creation without Parameter**

**CREATE PROCEDURE Proc\_Fuel\_Price as**

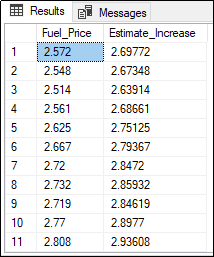
**Select Fuel\_Price, Fuel\_Price+(Fuel\_Price + 10)/100 as Estimate\_Increase**

**from Features**

****

**// Calling Stored Procedure**

**Exec Proc\_Fuel\_Price**

****

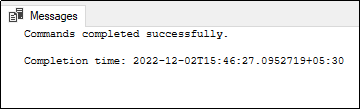
**4. Create a Stored Procedure to check whether the Weekly\_Sales is greater than the user’s Sales value.**

**//Stored Procedure created with Parameter (with float data type)**

CREATE PROCEDURE Proc\_Weekly\_Sales @Sales float as

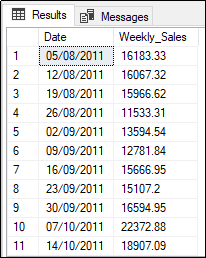
Select Date,Weekly\_Sales from Sales

Where Weekly\_Sales > @Sales

****

**// Calling Stored Procedure**

**Exec Proc\_Weekly\_Sales @Sales = 1500**

****

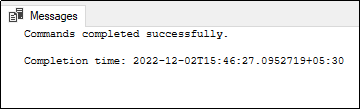
**5. Create a Stored Procedure to fetch the Store details based on the Storetype.**

**//Stored Procedure created with Parameter (with varchar data type)**

CREATE PROCEDURE Proc\_Type @type varchar(10) as

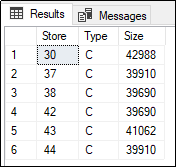
Select \* from Stores

where Type=@type

****

**// Calling Stored Procedure**

Exec Proc\_Type @type ='C'

****