

Day – 24 :

Conditional Functions

Conditional functions return results based on specified conditions.

Function	Description	Example	Result
CASE	Returns value based on condition	SELECT CASE WHEN salary > 50000 THEN 'High' ELSE 'Low' END FROM employees;	High/Low based on salary
COALESCE()	Returns the first non-NULL value	SELECT COALESCE(NULL, 'Default', 'Value');	Default

1. CASE Function – Categorizing Based on Conditions

We will categorize products into price ranges:

01

Expensive if the price is greater than or equal to 50,000.

02

Moderate if the price is between 10,000 and 49,999.

03

Affordable if the price is less than 10,000.

Assignment : CASE with AND & OR Operators

– Stock Status

We will classify products based on quantity available:



In Stock if
quantity is 10 or
more.



Limited Stock if
quantity is
between 5 and 9.



**Out of Stock
Soon** if quantity is
less than 5.

Output Should be like this

product_name	quantity	stock_status
-----	-----	-----
Laptop	10	In Stock
Smartphone	25	In Stock
Headphones	50	In Stock
Office Chair	20	In Stock
Desk	15	In Stock
Monitor	8	Limited Stock
Mouse	40	In Stock

CASE with LIKE Operator – Category Classification

Check if the category name contains "Electronics Item" or "Furniture Item" or "Accessory Item using LIKE

Output Should be like this

product_name	category	category_type
-----	-----	-----
Laptop	Electronics	Electronic Item
Smartphone	Electronics	Electronic Item
Headphones	Accessories	Accessory Item
Office Chair	Furniture	Furniture Item
Desk	Furniture	Furniture Item
Monitor	Electronics	Electronic Item
Mouse	Accessories	Accessory Item