

Syntax and Example:

Syntax:

```
COALESCE (expression1, expression2, expression3, ...)
```

COALESCE Example:

```
SELECT COALESCE(NULL, 'Ankit', 'Sharma') FROM Person;
```

This will return 'Ankit', since it is the first not-null value.

```
SELECT COALESCE(NULL, NULL, NULL) FROM Person;
```

This will return NULL as all values are in list defined as NULL.

```
SELECT COALESCE(NULL, NULL, 'Ankit', 'Sharma') FROM Person;
```

This will return 'Ankit', since it is the first non-null value.

-----NVL-----

Syntax: NVL(expression1, expression2)

NVL Example:

```
SELECT NVL('Sharma', Ankit) FROM Person;
```

This will return 'Sharma', since the first argument is not null.

```
SELECT NVL(NULL, 'Ankit') FROM Person;
```

This will return Ankit, since the first argument is null.

Here 'Ankit' is default value defined for all the null cases.



This will return '000', since it is the first not-null value (4th transaction)

```
SELECT COALESCE(customer_id, '000') as Customer_id FROM Orders;
```

Output

Customer_id
4
4
3
000

Orders

order_id	item	amount	customer_id
1	Keyboard	400	4
2	Mouse	300	4
3	Monitor	12000	3
123	Headset	234	

This will return NULL as all values are in list defined as NULL (4th Transaction)

```
SELECT COALESCE(customer_id, '000') as Customer_id FROM Orders;
```

Output

Customer_id
4
4
3
000

Orders

order_id	item	amount	customer_id
1	Keyboard	400	4
2	Mouse	300	4
3	Monitor	12000	3
123	Headset	234	

This will return '000', since it is the first not-null value (4th Transaction)

```
SELECT COALESCE(customer_id, '000') as Customer_id FROM Orders;
```

Output

Customer_id
4
4
3
000

Orders

order_id	item	amount	customer_id
1	Keyboard	400	4
2	Mouse	300	4
3	Monitor	12000	3
123	Headset	234	