

Exercise. NULL

Q1. Select employee_id
name,

IFNULL(salary, 0) AS salary_with_default
FROM Employees

employee_id	name	salary_with_default
1	Alice	5000
2	Bob	0
3	Charlie	7000
4	Dana	0
5		

Q2. Select employee_id,
name,

IFNULL(department, 'Not assigned') AS department

name,
FROM Employees.

employee_id	name	department_name
1	Alice	HR
2	Bob	IT
3	Charlie	Not Assigned
4	Dana	Finance

Q3. Select order_id,
customer_id

FROM orders

WHERE ISNULL(customer_id);

order_id	customer_id
202	NULL

Q4. Select order_id,
customer_id
FROM orders
WHERE

Q4. Select order_id,
customer_id,
IFNULL (delivery_date, 'pending') AS delivery_status
FROM orders

order_id	customer_id	delivery_status
201	1	2024-12-01
202	NULL	Pending
203	NULL	2024-12-03

Q5. Select student_id,
name,
IFNULL (grade, 0) AS final_grade
FROM students;

student_id	name	final_grade
1	Ethan	85
2	Maya	0
3	Olivia	90

Q6. Select count(*) AS not_graded_count
FROM students
WHERE grade IS NULL

Not_graded_count

Q7. Select product_id,
name,
price - IF NULL (discount, 0) AS final_price
FROM products

product_id	name	final_price
S01	Keyboard	25
S02	Mouse	10
S03	Monitor	100

Q8. Select count(*) AS missing_email_count
FROM customers
WHERE email IS NULL

missing_email_count
2

Q9. Select customer_id,

name,
IFNULL (email, 'No Email') AS email_display
FROM Customers;

Customer_id	name	email_display
1	Linda	No Email
2	Joseph	Joseph@email.com
3	Nia	No email

Q10. Select item_id,
item_name,

IFNULL (quantity, 0) AS quantity_checked
FROM Inventory;

payment_id	method_display	status
301	Credit	NULL
302	Paypal	Success
303	Unknown	Failed

Q14. Select

FROM Att

student_id

1

2

3

Q11. Select item_id,
item_name,
IFNULL (quantity, 0) quantity_checked
FROM Inventory;

item_id	item_name	quantity_checked
1	Pen	0
2	Notebook	150
3	Eraser	0

Q15. Se

FROM

Q12. Select emp_id,
COALESCE (bonus, commission) AS first_available_reward
FROM employees_Extra

emp_id	first_available_reward
1	300
2	100
3	NULL

Q13. Select Count(*) AS no_room_no_room_count
FROM classes
WHERE room IS NULL;

no_room_no_room_count

2

Q14. Select student_id,
date,
IFNULL(status, 'Not Marked') AS attendance_Status
FROM Attendance;

student_id	date	attendance_Status
1	2025-04-01	Not marked
2	2025-04-01	Present
3	2025-04-01	Absent

Q15. Select account_id,
IFNULL(account_type, 'Unknown') AS type_display,
IFNULL(balance, 0) AS balance_checked
FROM Bank_Accounts;

account_id	type_display	balance_checked
A1	Savings	0
A2	Current	5000
A3	Unknown	2000

Q16 Select product_id,
title,
IFNULL(start_date, 'TBD') AS start_display
FROM Projects

product_id	title	start_display
1	website Revamp	2025-01-10
2	mobile App	TBD
3	Data Migration	TBD

Q17. Select review_id,
 product_id,
 IFNULL(comment, 'No Comment') AS comment_display,
 IFNULL(rating, 0) AS rating_display
 FROM Reviews;

review_id	product_id	comment_display	rating
1	S01	Great product	4
2	S02	No Comment	0
3	S03	Works fine	3

Q20 Select r
 r
 IFNULL
 IFNULL
 FROM N
 record_id
 1
 2
 3

Q18 Select supplier_id,
 name,
 COALESCE(phone, alt_phone, 'No Contact')
 FROM Suppliers

Supplier-id	name	contact_number
1	Global goods	123456789
2	Best Supplies	987654321
3	Value Source	No contact

Q19. Select user_id,
 IFNULL(theme, 'light') AS theme_set,
 IFNULL(language, 'English') AS language_set,
 IFNULL(timezone, 'UTC') AS timezone_set
 FROM User-settings;

user_id	theme_set	language_set	timezone_set
1	light	English	UTC
2	Dark	English	UTC +1
3	Light	English	UTC

Q20 Select record_id,
 machine_id,
 IFNULL(issue, 'Unknown Issue') AS issue_log,
 IFNULL(technician, 'Not Assigned') AS technician_name
 FROM Maintenance;

record_id	machine_id	issue_log	technician
1	M101	Overheating	Not assigned
2	M102	Unknown Issue	Not assigned
3	M103	Jammed	Alex

o contact

number

3456789

7654321

o contact

set

language_set

zone_set

timezone_set

UTC

UTC +1

UTC