

```

SELECT Subject,
        enrolled - students
CASE WHEN enrolled - students >= 25 THEN 'Large'
      WHEN enrolled - students BETWEEN 10 AND
        24 THEN 'Medium'
      ELSE 'Small'
END AS class-size-category
FROM classes;

```

Subject	enrolled students	class size category
Math	30	Large
English	25	Large
Science	15	Medium
Art	5	Small
History	20	Medium

```

10. SELECT payment-id,
        amount,
        payment-method
CASE WHEN payment-method = 'Cash' AND
        amount >= 200 THEN
        'Eligible for Discount'
      ELSE 'Not Eligible'
END AS discount-eligibility
FROM payments;

```

payment-id	payment-method	amount	discount-eligibility
1	Card	50.00	Not Eligible
2	Cash	200.00	Eligible for Discount
3	Card	150.00	Not Eligible
4	Paypal	75.00	Not Eligible
5	Cash	300.00	Eligible for Discount

FROM attendance;

Student id	attendance percentage	attendance status
1	90.0	Excellent
2	60.0	Needs Improvement
3	96.0	Excellent
4	50.0	Needs Improvement
5	100.0	Excellent

```
8. SELECT product_id,  
           stock_qty  
   CASE WHEN stock_qty = 0 THEN 'Out of Stock'  
        WHEN stock_qty BETWEEN 1 AND 4 THEN  
            'Low Stock'  
        ELSE 'In Stock'  
   END AS stock_status  
FROM products_inventory;
```

product_id	stock_qty	stock_status
1	5	In Stock
2	0	Out of Stock
3	25	In Stock
4	10	In Stock
5	3	Low Stock

delivery id	delivery time minutes	Performance
1	45	Late ^{On Time}
2	80	Fast ^{Late}
3	30	Late ^{Fast}
4	65	Late
5	100	Late

```

6. SELECT issue-type,
           priority
CASE WHEN priority = 3 THEN 'High'
     WHEN priority = 2 THEN 'Medium'
     WHEN priority = 1 THEN 'Low'
END AS priority-label
FROM tickets;

```

issue-type	priority	priority-label
Login issue	1	Low
Server down	3	High
Slow system	2	Medium
Email error	2	Medium
Password reset	1	Low

```

7. SELECT student-id,
           (days-present * 100 / total-days) AS
           attendance-percentage,
CASE WHEN (days-present * 100 / total-days) >= 90
     THEN 'Excellent'
     WHEN (days-present * 100 / total-days) BETWEEN
     75 AND 89 THEN 'Good'
     ELSE AS 'Needs Improvement'
END AS attendance-status

```



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4. SELECT student_name,
        score
    CASE WHEN score >= 90 THEN 'A'
        WHEN score BETWEEN 80 AND 89 THEN 'B'
        WHEN score BETWEEN 70 AND 79 THEN 'C'
        WHEN score BETWEEN 60 AND 69 THEN 'D'
        ELSE 'F'
    END AS grade
FROM students;

```

Student name	Score	grade
Ama	92	A
Ben	76	C
Cara	59	F
David	83	B
Ella	68	D

```

5. SELECT delivery_id,
        delivery-time-minutes
    CASE WHEN delivery-time-minutes <= 30 THEN
        'Fast'
        WHEN delivery-time-minutes BETWEEN 31 AND 60
        THEN 'On Time'
        ELSE 'Late'
    END AS performance
FROM deliveries;

```