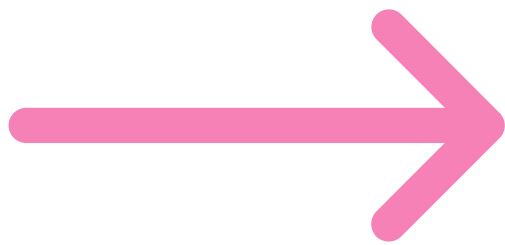


SQL **FRESHERS** INTERVIEW QUESTION



@rohaankamble

#1

Question



How to find the cumulative
Sum of a Column?

| payment_id | amount |
|------------|--------|
| 1 | 2.99 |
| 2 | 0.99 |
| 3 | 5.99 |
| 4 | 0.99 |
| 5 | 9.99 |
| 6 | 4.99 |
| 7 | 4.99 |
| 8 | 0.99 |

#2

Solution



There are different ways to approach this problem.

But the two most common method is by using the 'OVER' function

#3

@rohaankamble

Query



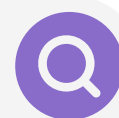
```
SELECT *,  
SUM(amount)  
OVER(ORDER BY payment_id)  
AS Cumulative_Sum  
FROM payment
```

@rohaankamble

#4

@rohaankamble

Output



| payment_id | amount | Cumulative_Sum |
|------------|--------|----------------|
| 1 | 2.99 | 2.99 |
| 2 | 0.99 | 3.98 |
| 3 | 5.99 | 9.97 |
| 4 | 0.99 | 10.96 |
| 5 | 9.99 | 20.95 |
| 6 | 4.99 | 25.94 |
| 7 | 4.99 | 30.93 |
| 8 | 0.99 | 31.92 |
| 9 | 3.99 | 35.91 |

@rohaankamble

Follow for more...



@rohaankamble