

STORE PROCEDURE AND FUNCTIONS :-

Procedure: Get Orders by Customer ID

delimiter //

```
create procedure Order_Count()
```

```
begin
```

```
select customer.customer_id, count(orders.order_id) as Order_Count
```

```
from customer join orders on customer.customer_id = orders.customer_id
```

```
group by Customer_Id;
```

```
end //
```

```
delimiter ;
```

call Order_Count();

| | customer_id | Order_Count |
|---|-------------|-------------|
| ▶ | 1001 | 2 |
| | 1002 | 1 |
| | 1003 | 2 |
| | 1004 | 1 |

Function: Total Amount Spent by a Customer

DELIMITER //

```
CREATE FUNCTION TOTAL_AMOUNT(ORDERID INT)
```

```
RETURNS VARCHAR(100)
```

```
deterministic
```

```
BEGIN
```

```
-- DECLARE customerid int;
```

```
declare orderamt decimal(10,2);  
  
-- SELECT  customer_id into customerid FROM ORDERS WHERE ORDER_ID =  
ORDERID;  
  
SELECT  amount into orderamt FROM ORDERS WHERE ORDER_ID = ORDERID;  
  
-- RETURN customerid;  
  
return orderamt;  
  
END //  
  
DELIMITER ;
```

| | Total_Order |
|---|-------------|
| ▶ | 1200.00 |