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Function to calculate commission for all sales employees based on sales performance

\*/

**Function**

DELIMITER $$

CREATE FUNCTION fnc\_calc\_commission(empid VARCHAR(10))

RETURNS DOUBLE

DETERMINISTIC

BEGIN

DECLARE commission DOUBLE;

DECLARE rph DOUBLE;

DECLARE count\_order INT;

SELECT COUNT(\*)

INTO count\_order

FROM storder

GROUP BY employeeid

HAVING employeeid = empid;

SELECT rateperhour

INTO rph

FROM stemployee

WHERE employeeid = empid;

IF count\_order >= 3 THEN

SET commission = CEIL(0.1 \* rph);

ELSE

SET commission = CEIL(0.07 \* rph);

END IF;

RETURN commission;

END$$

**SQL Query for output**

SELECT employeeid, rateperhour, fnc\_calc\_commission(employeeid) AS commission

FROM stemployee

WHERE employeeid LIKE '%S%';

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## Find the most valuable client by finding the highest order purchase

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**SQL Query for output**

SELECT stord.clientid, SUM(ordl.quantity \* prod.price) AS total

FROM stproduct AS prod JOIN (storderline ordl, storder stord)

ON (prod.prodno = ordl.prodno AND stord.orderid = ordl.orderid)

GROUP BY stord.clientid

ORDER BY total DESC

LIMIT 1;

/\*

## Find details of all the clients who have not paid the order amount

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**SQL Query for output**

SELECT \*

FROM stclient

WHERE 1 <= (SELECT COUNT(\*)

FROM storder

WHERE paid = 'N' AND stclient.clientid = storder.clientid

GROUP BY clientid);