**1. Write a stored procedure that accepts the month and year as inputs and prints the ordernumber, orderdate and status of the orders placed in that month.**

***Example*: call order\_status(2005, 11);**

**Answer:**

**CREATE DEFINER=`root`@`localhost` PROCEDURE `order\_status`(IN input\_year integer, IN input\_month integer)**

**BEGIN**

**select**

**orderNumber,**

**orderDate,**

**status**

**from orders**

**where year(orderDate) = input\_year**

**and month(orderDate) = input\_month ;**

**END**

**2. a. Write function that takes the customernumber as input and returns the purchase\_status based on the following criteria . [table:Payments]**

**if the total purchase amount for the customer is < 25000 status = Silver, amount between 25000 and 50000, status = Gold, if amount > 50000 Platinum**

**Answer:**

DELIMITER $$

CREATE DEFINER=`root`@`localhost` FUNCTION `purchase\_status`(customerid integer) RETURNS varchar(10) CHARSET utf8mb4

DETERMINISTIC

BEGIN

return( select

CASE

WHEN amount < 25000 THEN 'Silver'

WHEN amount BETWEEN 25000 AND 50000 THEN 'Gold'

ELSE 'Platinum'

end

from payments

where customerNumber = customerid

) ;

END$$

DELIMITER ;