

WORKSHEET 4 SQL

- 1) Write a SQL query to show average number of orders shipped in a day (use Orders table).

Answer: select count(shipped_date) / 31 from orders
where Date Time between <start> and <end>

- 2) Write a SQL query to show average number of orders placed in a day.

Answer: select count(Order_date) / 31 from orders
where Date Time between <start> and <end>

- 3) Write a SQL query to show the product name with minimum MSRP (use Products table).

Answer: SELECT product_name
FROM products
WHERE MSRP =(SELECT MIN(MSRP) FROM products)

- 4) Write a SQL query to show the product name with maximum value of stock Quantity.

Answer: : SELECT product_name
FROM products
WHERE quantity_in_stock =(SELECT
MAX(quantity_in_stock) FROM products)

- 5) Write a query to show the most ordered product Name (the product with maximum number of order)

Answer: SELECT product_name, COUNT(DISTINCT product code),

```

MAX(product code)
FROM products
GROUP BY product_name

```

```

*****
*****

```

6) Write a SQL query to show the highest paying customer Name

Answer: select customer_name from customers where amount=(select
Max(amount) from payments)

```

*****
*****

```

7) Write a SQL query to show customer_Number, customer_Name of all the customers who are from Melbourne city.

Answer: SELECT customer_Number,customer_name FROM customers
WHERE city='Melbourne'

```

*****
*****

```

8) Write a SQL query to show name of all the customers whose name start with "N".

Answer: select customer_name from customers where
contact_first_name like 'N%'

```

*****
*****

```

9) Write a SQL query to show name of all the customers whose phone start with '7' and are from city 'Las Vegas'.

Answer: select customer_name from customers where phone like '%7'
and CITY='LAS VEGAS'

```

*****
*****

```

10) Write a SQL query to show name of all the customers whose credit Limit < 1000 and city is either "Las Vegas" or "Nantes" or "Stavern".

Answer: SELECT customer_name FROM CUSTOMERS
WHERE CREDITLIMIT < (1000 FROM CUSTOMERS

AND CITY = 'Sunnyvale' or 'Nantes' or 'Stavern')

ORDER BY CREDITLIMIT

- 11) Write a SQL query to show all the orderNumber in which quantity ordered <10.

Answer: Select order_Number from order_details where
quantity_ordered<10

- 12) Write a SQL query to show all the orderNumber whose customer Name start with letter 'N'.

Answer: Select Order_number from orders
Join customers using(customer_number)
Where contact_first_name like 'N%'

- 13) Write a SQL query to show all the customerName whose orders are "Disputed" in status.

Answer: Select Customer_name from customers
Join orders using(customer_number)
Where order BY field (status, Disputed)

- 14) Write a SQL query to show the customerName who made payment through cheque with checkNumber starting with H and made payment on "2004-10-19".

Answer: Select Customer_name from Customers where
customer_number=(select customer_number from payments where
cheque_number like 'H%' AND payment Date =2004-10-19)

15) Write a SQL query to show all the checkNumber whose amount > 1000.

Answer: Select check number from payments

Where amount >1000

Order By Amount DESC

