EXP NO: 04	Use of functions like Sum and COUNT
DATA: 10/02/2022	

Aim: To implement commands to create and find data from the table as required below and use function like SUM, COUNT In the commands

Description about the problem:

1. Create a Product and sales table
2. Find the product which is sold maximum in the year 2020
3. Find the minimum cost of a particular product
4. what is the total sale of a product in a particular year
5. what is average sale of the product in a year?
6. list the number of products available with their name
7. what is the total sales amount done for a particular product?

Queries:

- ➢ create table products_sales(p_name varchar(100) , sale int , sale_month varchar(100),sale_year int)
- ➢ insert into products_sales values('fries',01,'may',2019)
- ➢ select * from products_sales
- ➢ select * from products_sales where sale = (select max(sale) from products_sales where sale_year = 2019)
- ➢ select sum(sale) from products_sales where p_name = 'fries' and sale_year = 2015
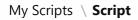- ➢ select count(p_name) from products_sales where p_name = 'soup'

Result:
Successfully implemented the commands by including functions like SUM and COUNT in the commands.

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Actions ⌄   ✎ Edit Attributes   ▶ Run Script

Name	**Session 04**
Description	Week 4 of DBMS
Area	-
Visibility	Publicly Shareable - available via unlisted URL
Contributor	RA1911027010007
Share Link	https://livesql.oracle.com/apex/livesql/s/m38o5te8411s4gplsots603o2
Tags	-
Script Results	We cannot determine the last run date for this script. What's This?
Last Updated	Friday April 22, 2022 (Created 2 months ago)
Metrics	19 Statements, 1,307 bytes

Statement **1**   🗑 Edit

```
create table products_sales(p_name varchar(100) , sale int , sale_month varchar(100),sale_
```

Table created.

Statement **2**   🗑 Edit

```
insert into products_sales
values('fries',01,'may',2019)
```

1 row(s) inserted.

Statement **3**   🗑 Edit

```
insert into products_sales
values('fries',02,'feb',2017)
```

1 row(s) inserted.

Statement **4**   🗑 Edit

```
insert into products_sales
values('Burger',101,'nov',2016)
```

1 row(s) inserted.

values('Burger',102,'oct',2018)

1 row(s) inserted.

Statement **6**

🗑 Edit

```
insert into products_sales
values('pizza',201,'oct',2017)
```

1 row(s) inserted.

Statement **7**

🗑 Edit

```
insert into products_sales
values('pizza',202,'june',2020)
```

1 row(s) inserted.

Statement **8**

🗑 Edit

```
insert into products_sales
values('milkshake',301,'july',2021)
```

1 row(s) inserted.

Statement **9**

🗑 Edit

```
insert into products_sales
values('milkshake',302,'apr',2019)
```

1 row(s) inserted.

Statement **10**

🗑 Edit

```
insert into products_sales
values('soup',401,'apr',2019)
```

1 row(s) inserted.

Statement **11**

🗑 Edit

```
insert into products_sales
values('soup',402,'sept',2021)
```

1 row(s) inserted.

Statement **12**

🗑 Edit

```
select * from products_sales
```

P_NAME	SALE	SALE_MONTH	SALE_YEAR
pizza	202	june	2020
Burger	102	oct	2018
milkshake	302	apr	2019
fries	1	may	2019
soup	401	apr	2019

pizza	201	oct	2017
milkshake	301	july	2021

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10 rows selected.

Statement **13**

🗑 Edit

```
select * from products_sales where sale = (select max(sale) from products_sales where sal
```

P_NAME	SALE	SALE_MONTH	SALE_YEAR
soup	401	apr	2019

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Statement **14**

🗑 Edit

```
select * from products_sales where sale = (select min(sale) from products_sales where p_na
```

P_NAME	SALE	SALE_MONTH	SALE_YEAR
milkshake	301	july	2021

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Statement **15**

🗑 Edit

```
select sum(sale) from products_sales where p_name = 'fries' and sale_year = 2015
```

SUM(SALE)
-

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Statement **16**

🗑 Edit

```
select sum(sale) from products_sales where p_name = 'fries' and sale_year = 2016
```

SUM(SALE)
-

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Statement **17**

🗑 Edit

```
select sum(sale) from products_sales where p_name = 'fries' and sale_year = 2019
```

SUM(SALE)
1

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Statement **18**

🗑 Edit

```
select count(p_name) from products_sales where p_name = 'soup'
```

COUNT(P_NAME)

```
select sum(sale) from products_sales where sale_year = 2021
```

Statement **19**

🗑 Edit

SUM(SALE)
703

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▶ Script Update Details