1) CREATE EXTERNAL TABLE ORDERS(

```
order_number        decimal(4),
customer_number     decimal(4))
```

ROWS FORMAT DELIMITED

FIELDS TERMINATED BY ','

STORED AS TEXTFILE LOCATION '/bigdata/orders/orders.txt';

CREATE EXTERNAL TABLE DETAILS(

```
order_number        decimal(4),
line_number         decimal(2),
item_name           varchar(20),
quantity            decimal(5))
```

ROWS FORMAT DELIMITED

FIELDS TERMINATED BY ','

STORED AS TEXTFILE LOCATION '/bigdata/orders/details.txt';

SELECT *
FROM ORDERS;

SELECT *
FROM DETAILS;

==

2) SELECT order_number, customer_number, sum(quantity)

FROM ORDERS, DETAILS

GROUP BY customer_number, quantity WITH CUBE;

3) select item_name, customer-number, quantity, rank() over (order by customer-number)

from ORDERS, DETAILS

group by customer-number, quantity with rollup

order by quantity ASC;

4) select item_name, avg(quantity)

from ORDERS, DETAILS

group by item_name grouping sets (order-number, customer_number);

5) select item_name, sum(quantity) over (partition by order_number)

from ORDERS, DETAILS

order by order_number;