

DBMS | L11+L12 | SJT 419 | Prof. Nancy Victor | Fall 2020 by Sharadindu Adhikari | 19BCE2105 | sharadindu.adhikari2019@vitstudent.ac.in

Lab CAT 1 | August 18, 2020

Questions in brief:

- 1. Create tables as instructed.
- 2. Populate the tables as directed in the QP.
- 3. Display the details of all customers.
- 4. Display the details of warehouse from where the order has been shipped on 10/08/2020.
- 5. List the details of orders placed by the customer "John".
- 6. Display the details of all items in descending order of price.
- 7. Display the item id, number of items and unit price ordered in the order number 2.

Solution:

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SQL Worksheet

```
1 insert into orders
with names as(
3 select '!', '03JUL20', 'C2', 1000 from dual union all
select '2', '10JUL20', 'C2', 5000 from dual union all
select '3', '01AUC20', 'C2', 5000 from dual union all
select '4', '03AUC20', 'C3', 3000 from dual union all
select '5', '04AUC20', 'C2', 6000 from dual union all

7 select '5', '04AUC20', 'C2', 6000 from dual union all
select * from names
```

```
insert into order_item
with names as(
select 2, 14, 10 from dual union all
select 1, 11, 1 from dual

) select * from names
```

2 row(s) inserted.

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```
insert into item
with names as(
select 11, 1800 from dual union all
select 12, 1500 from dual union all
select 13, 120 from dual union all
select 13, 120 from dual union all
select 14, 300 from dual)

7 )
8 select * from names
```

SQL Worksheet

```
1 insert into shipment
with names as(
3 select 1, 'M1', '18AUC20' from dual union all
4 select 2, 'M1', '18AUC20' from dual union all
5 select 3, 'W2', '18AUC20' from dual union all
6 select 4, 'W2', '05AUC20' from dual union all
7 select 5, 'M3', '11RUC20' from dual
8 }
9 select * from names
```

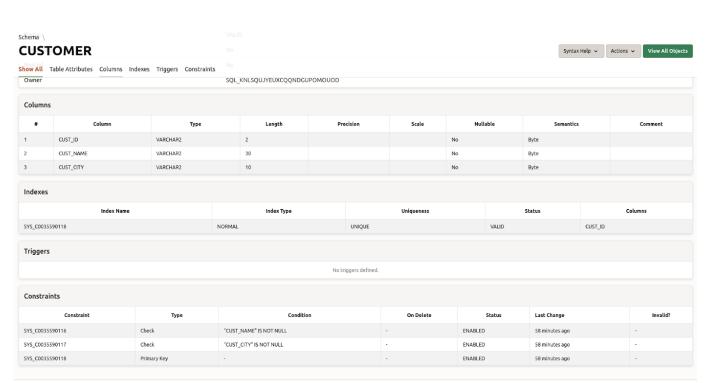
Sharadindu Adhikari 19BCE2105 sharadindu.adhikari2019@vitstudent.ac.in

SQL Worksheet

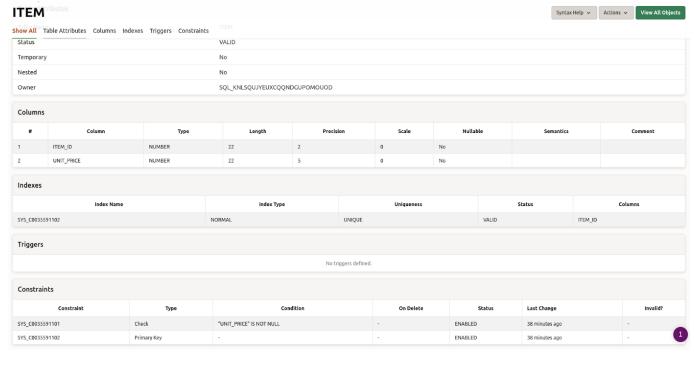
```
insert into warehouse
with names as(
select 'M1', 'Mumbai' from dual union all
select 'W2', 'Chennai' from dual
select 'W3', 'Delhi' from dual

select *from names

7 select * from names
```



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Schema No

ORDERS

Show All Table Attributes Columns Indexes Triggers Constraints

No

SQL/KNLSQUIYEUXCQQNDCUPOMOUOD

SQL/KNLSQUIYEUXCQQNDCUPOMOUOD

Sql/KNLSQUIYEUXCQQNDCUPOMOUOD

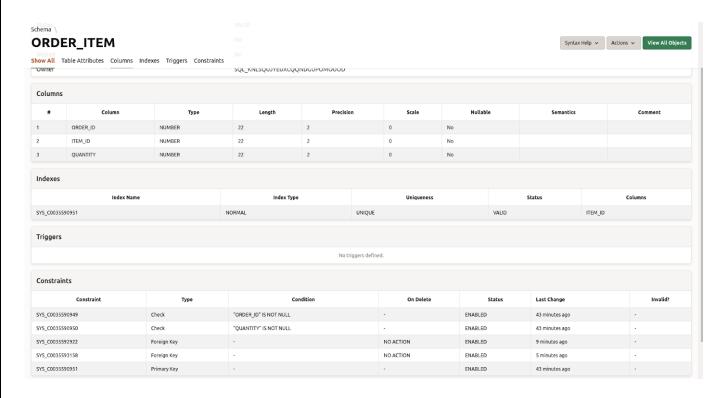
Cotamins	County							
#	Column	Туре	Length	Precision	Scale	Nullable	Semantics	Comment
1	ORDER_ID	NUMBER	22	2	0	No		
2	ORDER_DATE	DATE	7			No		
3	CUST_ID	VARCHAR2	2			No	Byte	
4	ORDER_AMOUNT	NUMBER	22	5	0	No		

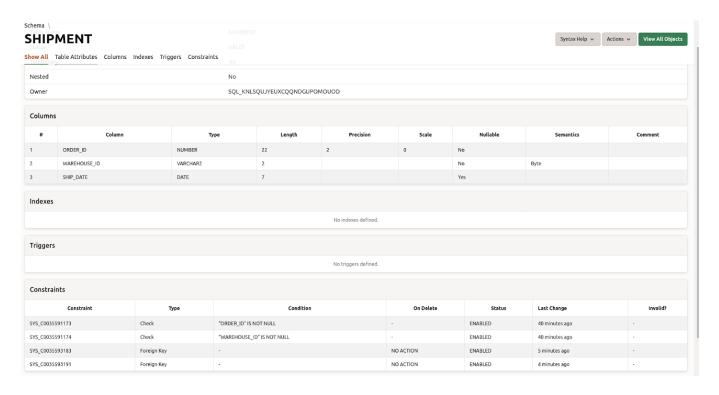
Indexes							
Index Name	Index Type	Uniqueness	Status	Columns			
SYS_C0035590643	NORMAL	UNIQUE	VALID	ORDER_ID			

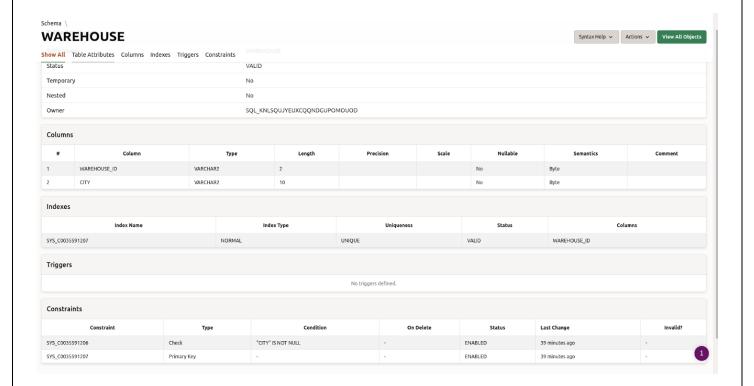
Triggers

No triggers defined.

Constraints							
Constraint	Туре	Condition	On Delete	Status	Last Change	Invalid?	
SYS_C0035590640	Check	"ORDER_DATE" IS NOT NULL		ENABLED	48 minutes ago		
SYS_C0035590641	Check	"CUST_ID" IS NOT NULL		ENABLED	48 minutes ago	-	
SYS_C0035590642	Check	"ORDER_AMOUNT" IS NOT NULL		ENABLED	48 minutes ago	-	
SYS_C0035592902	Foreign Key	•	NO ACTION	ENABLED	8 minutes ago	-	
SYS_C0035590643	Primary Key	-	-	ENABLED	48 minutes ago	-	







<pre>1 select * from customer;</pre>		

CUST_ID	CUST_NAME	CUST_CITY
C1	Ann	ABC
C2	John	ABC
С3	Daniel	DEF
C4	Bob	XYZ
C5	Anna	PQR

Download CSV

5 rows selected.

SQL Worksheet

🦙 Find

Action

1	select *	from	orders	where	cust_id :	= 'C2';	

ORDER_ID	ORDER_DATE	CUST_ID	ORDER_AMOUNT
1	03-JUL-20	C2	1000
3	01-AUG-20	C2	5000
5	04-AUG-20	C2	6000

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