

# ADBMS Lab Experiment-3

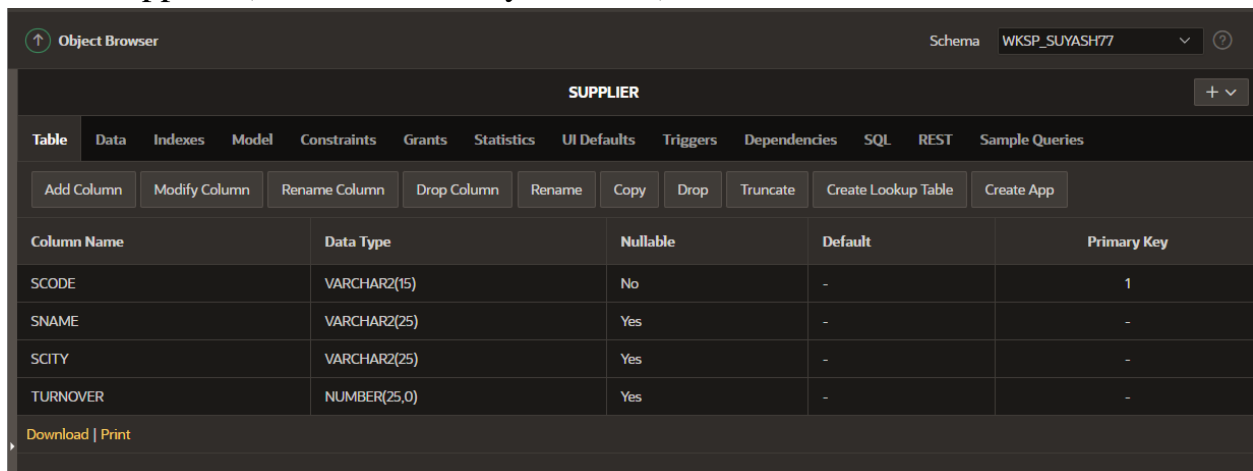
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Batch- OSS

## 1. Create the following table.

Supplier-(scode,sname,scity,turnover)

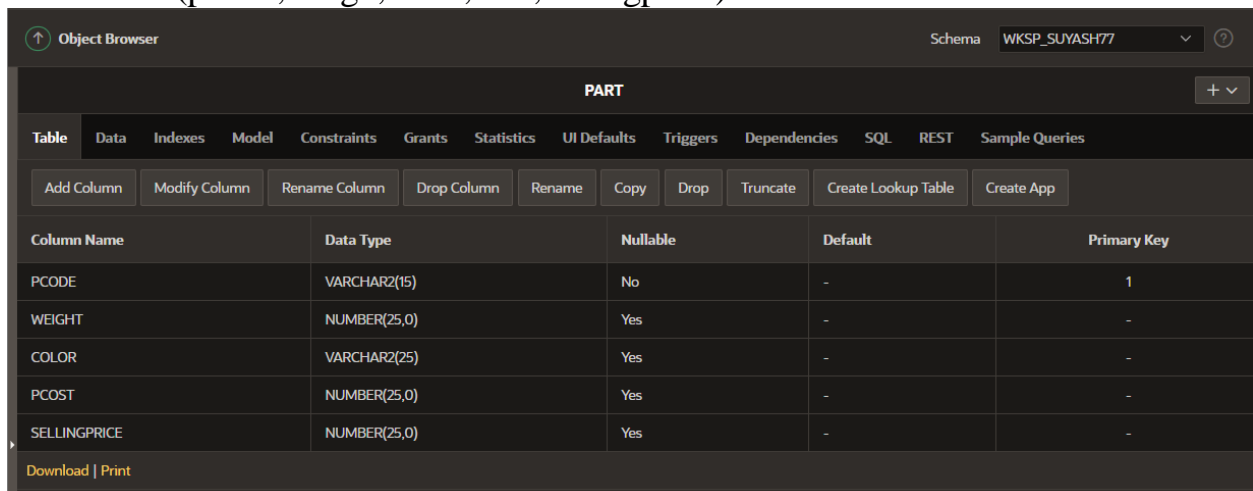


The screenshot shows the Oracle SQL Developer interface for the SUPPLIER table. The table is located in the WKSP\_SUYASH77 schema. The table structure is as follows:

Column Name	Data Type	Nullable	Default	Primary Key
SCODE	VARCHAR2(15)	No	-	1
SNAME	VARCHAR2(25)	Yes	-	-
SCITY	VARCHAR2(25)	Yes	-	-
TURNOVER	NUMBER(25,0)	Yes	-	-

At the bottom of the table, there are links for [Download](#) and [Print](#).

Part-(pcode,weigh,color,cost,sellingprice)



The screenshot shows the Oracle SQL Developer interface for the PART table. The table is located in the WKSP\_SUYASH77 schema. The table structure is as follows:

Column Name	Data Type	Nullable	Default	Primary Key
PCODE	VARCHAR2(15)	No	-	1
WEIGHT	NUMBER(25,0)	Yes	-	-
COLOR	VARCHAR2(25)	Yes	-	-
PCOST	NUMBER(25,0)	Yes	-	-
SELLINGPRICE	NUMBER(25,0)	Yes	-	-

At the bottom of the table, there are links for [Download](#) and [Print](#).

Supplier\_Part-(scode,pcode,qty)

↑

Object Browser

Schema

WKSP\_SUYASH77

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SUPPLIER\_PART

Table

Data

Indexes

Model

Constraints

Grants

Statistics

UI Defaults

Triggers

Dependencies

SQL

REST

Sample Queries

Add Column

Modify Column

Rename Column

Drop Column

Rename

Copy

Drop

Truncate

Create Lookup Table

Create App







Column Name	Data Type	Nullable	Default	Primary Key
SCODE	VARCHAR2(15)	No	-	1
PCODE	VARCHAR2(15)	No	-	2
QTY	NUMBER	No	-	-

[Download](#) | [Print](#)

## 2. Populate the table.

Object Browser

Schema WKSP\_SUYASH77

SUPPLIER				
Table	Data	Indexes	Model	Constraints
<div> <div>Query</div> <div>Count Rows</div> <div>Insert Row</div> <div>Load Data</div> </div>				
EDIT	SCODE	SNAME	SCITY	TURNOVER
	S004	Manan	Bhopal	20000
	S005	Aman	Bombay	50
	S002	Babu	Delhi	15000
	S006	Arun	Calcutta	-
	S003	Mayank	Meerut	25000
	S001	Raju	Mumbai	10000

↑

Object Browser

SchemaWKSP\_SUYASH77

?

PART

+ v

Table

Data

Indexes

Model

Constraints

Grants

Statistics

UI Defaults

Triggers

Dependencies

SQL

REST





Sample Queries

Query

Count Rows

Insert Row

Load Data

EDIT	PCODE	WEIGHT	COLOR	PCOST	SELLINGPRICE
	P001	15	Black	15000	30000
	P004	35	Grey	10000	30000
	P002	5	Red	5000	15000
	P003	15	White	2000	10000

Download

row(s) 1 - 4 of 4

Object Browser Schema WKSP\_SUYASH77

**SUPPLIER\_PART** +

Table Data Indexes Model Constraints Grants Statistics UI Defaults Triggers Dependencies SQL REST Sample Queries

Query Count Rows Insert Row Load Data

EDIT	SCODE	PCODE	QTY
	S002	P002	60
	S004	P004	55
	S003	P003	65
	S001	P001	40

Download

row(s) 1 - 4 of 4

### 3. Write appropriate SQL Statement for the following.

- Get the supplier number and part number in ascending order of supplier number.

SQL Commands Schema WKSP\_SUYASH77

Language SQL Rows 10 Clear Command Find Tables Save Run

1 SELECT scode, pcode  
2 FROM Supplier\_Part  
3 ORDER BY scode ASC;

Results Explain Describe Saved SQL History

SCODE	PCODE
S001	P001
S002	P002
S003	P003
S004	P004

4 rows returned in 0.01 seconds Download

b. Get the details of supplier who operate from Bombay with turnover 50.

The screenshot shows the SQL Developer interface with the following components:

- SQL Commands:** The top bar shows the schema as WKSP\_SUYASH77.
- Language:** Set to SQL.
- Rows:** Set to 10.
- Buttons:** Clear Command, Find Tables, Save, and Run.
- Query:**

```
1 SELECT *
2 FROM Supplier
3 WHERE scity = 'Bombay' AND turnover = 50;
```
- Results:** The Results tab is active, showing a table with the following data:

SCODE	SNAME	SCITY	TURNOVER
S005	Aman	Bombay	50
- Footer:** 1 rows returned in 0.02 seconds. Download button.

c. Get the total number of supplier.

The screenshot shows the SQL Developer interface with the following components:

- SQL Commands:** The top bar shows the schema as WKSP\_SUYASH77.
- Language:** Set to SQL.
- Rows:** Set to 10.
- Buttons:** Clear Command, Find Tables, Save, and Run.
- Query:**

```
1 SELECT COUNT(*)
2 FROM Supplier;
```
- Results:** The Results tab is active, showing a table with the following data:

COUNT(*)
6
- Footer:** 1 rows returned in 0.00 seconds. Download button.

d. Get the part number weighing between 25 and 35.

The screenshot shows a SQL interface with the following components:

- SQL Commands** header with a schema dropdown set to `WKSP_SUYASH77`.
- Language: `SQL`, Rows: `10`, `Clear Command`, `Find Tables`, `Save`, and `Run` buttons.
- Query editor with the following SQL code:

```
1 SELECT pcode
2 FROM part
3 where weight between 25 and 35;
```
- Results** tab selected, showing a table with the header `PCODE` and one row: `P004`.
- Footer: `1 rows returned in 0.00 seconds` and a `Download` link.

e. Get the supplier number whose turnover is null.

The screenshot shows a SQL interface with the following components:

- SQL Commands** header with a schema dropdown set to `WKSP_SUYASH77`.
- Language: `SQL`, Rows: `10`, `Clear Command`, `Find Tables`, `Save`, and `Run` buttons.
- Query editor with the following SQL code:

```
1 SELECT scode
2 FROM Supplier
3 WHERE turnover IS NULL;
4
```
- Results** tab selected, showing a table with the header `SCODE` and one row: `S006`.
- Footer: `1 rows returned in 0.01 seconds` and a `Download` link.