

CREATE AND INSERTED

The screenshot shows the Oracle SQL Developer interface with a project named 'Pracrice Project'. The main window displays a SQL script in the Worksheet tab. The script creates a table named 'SOMILDB' with the following columns and constraints:

- `roll_number`: number, primary key
- `student_id`: number, unique
- `address`: varchar2(20), unique
- `first_name`: varchar2(20), unique not null
- `last_name`: varchar2(20), unique not null
- `department_name`: varchar(200), not null
- `department_id`: number, not null
- `admission_date`: date
- `fee`: number
- `date_of_birth`: date

The script then inserts a single row into the table with the following values:

- `roll_number`: 1816421072
- `student_id`: 24964
- `address`: '336a2 pashuapti'
- `first_name`: 'Somil'
- `last_name`: 'Yadav'
- `department_name`: 'Electrical and Electronics'
- `department_id`: 21
- `admission_date`: '21-08-2018'
- `fee`: 119300
- `date_of_birth`: '21-08-2000'

The 'Query Result' tab shows the output of the insert statement, displaying the inserted row with all its values.

CONSTRAINT TABLE

The screenshot shows the Oracle SQL Developer interface with a project named 'Pracrice Project'. The main window displays a SQL script in the Worksheet tab. The script creates a table named 'SOMILDB' with the following columns and constraints:

- `roll_number`: number, primary key
- `student_id`: number, unique
- `address`: varchar2(20), unique
- `first_name`: varchar2(20), unique not null
- `last_name`: varchar2(20), unique not null
- `department_name`: varchar(200), not null
- `department_id`: number, not null
- `admission_date`: date
- `fee`: number
- `date_of_birth`: date

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- `department_id`: 21
- `admission_date`: '21-08-2018'
- `fee`: 119300
- `date_of_birth`: '21-08-2000'

The 'Query Result' tab shows the output of the insert statement, displaying the inserted row with all its values.

DISABLE CONSTRAINT TABLE

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

- Worksheet:** Contains SQL code to disable constraints on the SOMILDB table. The code starts with a SELECT statement to identify constraints and is followed by a series of ALTER TABLE statements to disable each constraint (SYS_C008186 through SYS_C008194).
- Query Result:** Displays the output of the SELECT statement, showing a list of constraints on the SOMILDB table. The columns include OWNER, CONSTRAINT_NAME, CONSTRAINT_TYPE, TABLE_NAME, SEARCH_CONDITION, SEARCH_CONDITION_VC, R_OWNER, R_CONSTRAINT_NAME, DELETE_RULE, STATUS, DEFERRABLE, and DEFERR.
- Structure:** Shows the database structure for the 'Pracrice Project'.

OWNER	CONSTRAINT_NAME	CONSTRAINT_TYPE	TABLE_NAME	SEARCH_CONDITION	SEARCH_CONDITION_VC	R_OWNER	R_CONSTRAINT_NAME	DELETE_RULE	STATUS	DEFERRABLE	DEFERR
HR	SYS_C008186	C	SOMILDB	"FIRST_NAME" IS NOT NULL	"FIRST_NAME" IS NOT NULL	(null)	(null)	(null)	DISABLED NOT DEFERRABLE	IMMEDIA	
HR	SYS_C008187	C	SOMILDB	"LAST_NAME" IS NOT NULL	"LAST_NAME" IS NOT NULL	(null)	(null)	(null)	DISABLED NOT DEFERRABLE	IMMEDIA	
HR	SYS_C008188	C	SOMILDB	"DEPARTMENT_NAME" IS NOT NULL	"DEPARTMENT_NAME" IS NOT NULL	(null)	(null)	(null)	DISABLED NOT DEFERRABLE	IMMEDIA	
HR	SYS_C008189	C	SOMILDB	"DEPARTMENT_ID" IS NOT NULL	"DEPARTMENT_ID" IS NOT NULL	(null)	(null)	(null)	DISABLED NOT DEFERRABLE	IMMEDIA	
HR	SYS_C008190	P	SOMILDB	(null)	(null)	(null)	(null)	(null)	DISABLED NOT DEFERRABLE	IMMEDIA	
HR	SYS_C008191	U	SOMILDB	(null)	(null)	(null)	(null)	(null)	DISABLED NOT DEFERRABLE	IMMEDIA	
HR	SYS_C008192	U	SOMILDB	(null)	(null)	(null)	(null)	(null)	DISABLED NOT DEFERRABLE	IMMEDIA	
HR	SYS_C008193	U	SOMILDB	(null)	(null)	(null)	(null)	(null)	DISABLED NOT DEFERRABLE	IMMEDIA	
HR	SYS_C008194	U	SOMILDB	(null)	(null)	(null)	(null)	(null)	DISABLED NOT DEFERRABLE	IMMEDIA	

DROP CONSTRAINT TABLE

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

- Worksheet:** Contains SQL code to drop constraints on the SOMILDB table. The code consists of a series of ALTER TABLE statements to drop each constraint (SYS_C008186 through SYS_C008194).
- Query Result:** Displays the output of the ALTER TABLE statements, showing that the constraints have been successfully dropped.
- Structure:** Shows the database structure for the 'Pracrice Project'.

ADD CONSTRAINT TABLE

Oracle SQL Developer: Practice Project

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Worksheet Query Builder

```
167  
168 SELECT * FROM USER_CONSTRAINTS WHERE UPPER(TABLE_NAME) = 'SOMILDB';  
169 ALTER TABLE SOMILDB ADD CONSTRAINT TEST1 PRIMARY KEY (ROLL_NUMBER);  
170 ALTER TABLE SOMILDB ADD CONSTRAINT TEST2 UNIQUE (STUDENT_ID);  
171 ALTER TABLE SOMILDB ADD CONSTRAINT TEST3 UNIQUE (ADDRESS);  
172 ALTER TABLE SOMILDB MODIFY FIRST_NAME NOT NULL UNIQUE;  
173 ALTER TABLE SOMILDB MODIFY LAST_NAME NOT NULL UNIQUE;  
174 ALTER TABLE SOMILDB MODIFY DEPARTMENT_NAME NOT NULL;  
175 ALTER TABLE SOMILDB MODIFY DEPARTMENT_ID NOT NULL;  
176 --SOMIL YADAV 5:47  
177  
178
```

Script Output x Query Result x

All Rows Fetched: 9 in 0.034 seconds

	OWNER	CONSTRAINT_NAME	CONSTRAINT_TYPE	TABLE_NAME	SEARCH_CONDITION	SEARCH_CONDITION_VC	R_OWNER	R_CONSTRAINT_NAME	DELETE_RULE	STATUS	DEFERRABLE	DEFERRED	VALIDATE
1	HR	TEST1	P	SOMILDB	(null)	(null)	(null)	(null)	(null)	ENABLED	NOT DEFERRABLE	IMMEDIATE	VALIDATE
2	HR	TEST2	U	SOMILDB	(null)	(null)	(null)	(null)	(null)	ENABLED	NOT DEFERRABLE	IMMEDIATE	VALIDATE
3	HR	TEST3	U	SOMILDB	(null)	(null)	(null)	(null)	(null)	ENABLED	NOT DEFERRABLE	IMMEDIATE	VALIDATE
4	HR	SYS_C008206	C	SOMILDB	"FIRST_NAME" IS NOT NULL	"FIRST_NAME" IS NOT NULL	(null)	(null)	(null)	ENABLED	NOT DEFERRABLE	IMMEDIATE	VALIDATE
5	HR	SYS_C008207	U	SOMILDB	(null)	(null)	(null)	(null)	(null)	ENABLED	NOT DEFERRABLE	IMMEDIATE	VALIDATE
6	HR	SYS_C008204	C	SOMILDB	"DEPARTMENT_NAME" IS ...	"DEPARTMENT_NAME" IS ...	(null)	(null)	(null)	ENABLED	NOT DEFERRABLE	IMMEDIATE	VALIDATE
7	HR	SYS_C008205	C	SOMILDB	"DEPARTMENT_ID" IS NO...	"DEPARTMENT_ID" IS NO...	(null)	(null)	(null)	ENABLED	NOT DEFERRABLE	IMMEDIATE	VALIDATE
8	HR	SYS_C008208	C	SOMILDB	"LAST_NAME" IS NOT NULL	"LAST_NAME" IS NOT NULL	(null)	(null)	(null)	ENABLED	NOT DEFERRABLE	IMMEDIATE	VALIDATE
9	HR	SYS_C008209	U	SOMILDB	(null)	(null)	(null)	(null)	(null)	ENABLED	NOT DEFERRABLE	IMMEDIATE	VALIDATE

Practice Project - Structure

No Structure

Line 178 Column 1 Insert Modified Windows C

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