

# SQLPlus Query Tips

## To copy table across databases/schemes.

Oracle SQLplus Copy Command:

```
SQL> create table table_name as select * from table_name;
```

```
SQL> copy from usr/pwd@SID to usr/pwd@SID create table table_name  
as select * from table_name;
```

**Drop Constraint Example:**– ALTER TABLE Employee DROP CONSTRAINT  
constraint\_name;

– ALTER TABLE Employee disable/enable CONSTRAINT constraint\_name;

### ADD Constraint Examples

– ALTER TABLE Employee MODIFY (Department CONSTRAINT  
constraint\_name\_nn NOT NULL);

– ALTER TABLE Employee ADD/MODIFY  
( CONSTRAINT constraint\_name\_fk FOREIGN KEY (DepartmentID)  
REFERENCES Department (DepartmentID) )

– ALTER TABLE Employee ADD CONSTRAINT Employee\_pk PRIMARY KEY  
(EmployeeID)

– ALTER TABLE Employee ADD CONSTRAINT Employee\_ck UNIQUE  
(EmployeeID, Status)

### Full Table Scan

1- SELECT COUNT(idA)  
FROM tabA  
WHERE idA NOT IN (SELECT idA FROM tabB)

2- SELECT COUNT(a.idA)  
FROM tabB b, tabA a  
WHERE a.idA = b.idA (+) AND b.idA IS NULL

3- SELECT COUNT(a.idA)  
FROM tabA a  
WHERE NOT EXISTS (SELECT 'X' FROM tabB a WHERE a.idA = b.idA)

## HAVING Clause

The HAVING clause filters selected rows only after all rows have been fetched.

```
SELECT d.dname, AVG (e.sal) FROM emp e, dept d WHERE e.deptno =
d.deptno
GROUP BY d.dname HAVING dname != 'RESEAECH' AND dname != 'SALES';
```

## Anti Joins

An anti-join is used to return rows from a table that that are present in another table.

```
SELECT * FROM dept WHERE NOT EXISTS (SELECT NULL FROM emp WHERE
emp.deptno = dept.deptno);
```

## Full Outer Joins

```
SELECT empno, ename, NVL(dept.deptno,emp.deptno) deptno, dname
FROM emp FULL OUTER JOIN dept ON (emp.deptno = dept.deptno) ORDER
BY 1,2,3,4;
```

## How can I Drop system generated constraint (NOT NULL CHECK)?

**First:**

here the query to get the constraint name for just a NOT NULL constraint

```
select * from user_constraints
where table_name = upper('cct_users')
and constraint_type = 'C'
```

**Then:**

```
CREATE OR REPLACE FUNCTION CC (P_CONSTRAINT VARCHAR2)
RETURN VARCHAR2
IS
BEGIN
FOR R1 IN (SELECT SEARCH_CONDITION FROM USER_CONSTRAINTS
```

```
WHERE CONSTRAINT_NAME = P_CONSTRAINT) LOOP
DBMS_OUTPUT.PUT_LINE(R1.SEARCH_CONDITION);
RETURN R1.SEARCH_CONDITION;
EXIT;
END LOOP;
RETURN NULL;
END;
/
```

```
SET SERVEROUTPUT ON;
```

```
DECLARE
constname user_constraints.constraint_name%TYPE;
BEGIN
SELECT CONSTRAINT_NAME INTO constname FROM USER_CONSTRAINTS
WHERE CC(CONSTRAINT_NAME) LIKE '%your field NOT NULL CHECK%'
AND lower(table_name) = 'your_table_name';
EXECUTE IMMEDIATE ('ALTER TABLE your_table_name DROP CONSTRAINT '
|| constname);
dbms_output.put_line('Constraint dropped succesfully!');
END;
```