

# is607\_\_week8Quiz\_\_postgresqlDB

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1)

## Script to create the table

– Table: structure.corp\_hierarchy

– DROP TABLE structure.corp\_hierarchy;

```
CREATE TABLE structure.corp_hierarchy ( "First Name" text, "Last Name" text, "Title" text, "Boss" text
) WITH ( OIDS=FALSE ); ALTER TABLE structure.corp_hierarchy OWNER TO postgres;
```

```
INSERT INTO structure.corp_hierarchy VALUES ('Steve', 'Jobs', 'CEO', 'Steve Jobs'); INSERT INTO
structure.corp_hierarchy VALUES ('Scott', 'Forstall', 'SVP IOS Software', 'Steve Jobs'); INSERT INTO
structure.corp_hierarchy VALUES ('Peter', 'Oppenheimer', 'SVP,CFO', 'Steve Jobs'); INSERT INTO
structure.corp_hierarchy VALUES ('Betsy', 'Rafael', 'VP, Controller', 'Peter Oppenheimer'); INSERT INTO
structure.corp_hierarchy VALUES ('Gary', 'Wipfler', 'VP, Treasurer', 'Peter Oppenheimer'); INSERT INTO
structure.corp_hierarchy VALUES ('Kim', 'Vorrath', 'VP, Program Management', 'Scott Forstall'); INSERT
INTO structure.corp_hierarchy VALUES ('Isabel', 'Ge Mahe', 'VP, IOS Wireless Software', 'Scott Forstall');
INSERT INTO structure.corp_hierarchy VALUES ('Henri', 'Lamiriaux', 'VP, Engineering, IOS APPS', 'Scott
Forstall');
```

2)

```
select * from structure.corp_hierarchy
```

Output:

```
"Steve";"Jobs";"CEO";"Steve Jobs" "Scott";"Forstall";"SVP IOS Software";"Steve Jobs" "Peter";"Oppenheimer";"SVP,CFO";"S
Jobs" "Betsy";"Rafael";"VP, Controller";"Peter Oppenheimer" "Gary";"Wipfler";"VP, Treasurer";"Peter
Oppenheimer" "Kim";"Vorrath";"VP, Program Management";"Scott Forstall" "Isabel";"Ge Mahe";"VP, IOS
Wireless Software";"Scott Forstall" "Henri";"Lamiriaux";"VP, Engineering, IOS APPS";"Scott Forstall"
```

3)

```
UPDATE structure.corp_hierarchy SET "First Name" = 'Tim', "Last Name" = 'Cook', "Title" = 'CEO',
"Boss" = 'Tim Cook' WHERE "First Name" = 'Steve' AND "Last Name" = 'Jobs' AND "Title" = 'CEO'
AND "Boss" = 'Steve Jobs';
```

Results: For some reason this changed Tim Cook to the CEO but left Tim Cook's Boss to be Steve Jobs. So I made this additional update:

```
UPDATE structure.corp_hierarchy SET "Boss" = 'Tim Cook' WHERE "Boss" = 'Steve Jobs';
```

This gave me the proper results:

```
select * from structure.corp_hierarchy
```

```
"Betsy";"Rafael";"VP, Controller";"Peter Oppenheimer" "Gary";"Wipfler";"VP, Treasurer";"Peter Op-
penheimer" "Kim";"Vorrath";"VP, Program Management";"Scott Forstall" "Isabel";"Ge Mahe";"VP,
IOS Wireless Software";"Scott Forstall" "Henri";"Lamiriaux";"VP, Engineering, IOS APPS";"Scott
```

Forstall" "Tim";"Cook";"CEO";"Tim Cook" "Scott";"Forstall";"SVP IOS Software";"Tim Cook" "Peter";"Oppenheimer";"SVP,CFO";"Tim Cook"

4) INSERT INTO structure.corp\_hierarchy VALUES ('Susan', 'Wojcicki', 'COO', 'Tim Cook'); INSERT INTO structure.corp\_hierarchy VALUES ('John', 'Couch', 'VP, Education Sales', 'Susan Wojcicki'); INSERT INTO structure.corp\_hierarchy VALUES ('John', 'Brandon', 'VP, Channel Sales', 'Susan Wojcicki'); INSERT INTO structure.corp\_hierarchy VALUES ('Michael', 'Fenger', 'VP, iPhone Sales', 'Susan Wojcicki'); INSERT INTO structure.corp\_hierarchy VALUES ('Douglas', 'Beck', 'VP, Apple Japan', 'Susan Wojcicki'); INSERT INTO structure.corp\_hierarchy VALUES ('Jennifer', 'Bailey', 'VP, Online Stores', 'Susan Wojcicki');

Results "Betsy";"Rafael";"VP, Controller";"Peter Oppenheimer" "Gary";"Wipfler";"VP, Treasurer";"Peter Oppenheimer" "Kim";"Vorrath";"VP, Program Management";"Scott Forstall" "Isabel";"Ge Mahe";"VP, IOS Wireless Software";"Scott Forstall" "Henri";"Lamiroux";"VP, Engineering, IOS APPS";"Scott Forstall" "Tim";"Cook";"CEO";"Tim Cook" "Scott";"Forstall";"SVP IOS Software";"Tim Cook" "Peter";"Oppenheimer";"SVP,CFO";"Tim Cook" "Susan";"Wojcicki";"COO";"Tim Cook" "John";"Couch";"VP, Education Sales";"Susan Wojcicki" "John";"Brandon";"VP, Channel Sales";"Susan Wojcicki" "Michael";"Fenger";"VP, iPhone Sales";"Susan Wojcicki" "Douglas";"Beck";"VP, Apple Japan";"Susan Wojcicki" "Jennifer";"Bailey";"VP, Online Stores";"Susan Wojcicki"