## **(8-2) Question 1: Adding CHECK Constraint to sec0802\_foods (Price < $10)**

**Query:**  
ALTER TABLE sec0802\_foods  
ADD CONSTRAINT chk\_price\_less\_than\_10 CHECK (price < 10);  
-- Haley Archer

**Output:**  
Table altered. 0.06 seconds

## **(8-3) Question 2: Adding UNIQUE Constraint on phone\_number (Two Methods)**

### **Method 1 - ALTER TABLE:**

**Query:**  
ALTER TABLE sec0803\_employees  
ADD CONSTRAINT unique\_phone\_0803 UNIQUE (phone\_number);  
-- Haley Archer

**Output:**  
Table altered. 0.05 seconds

### **Method 2 - CREATE TABLE (Alternative Table sec0803b\_employees):**

**Query:**  
CREATE TABLE sec0803b\_employees (  
employee\_id NUMBER PRIMARY KEY,  
phone\_number VARCHAR2(15) UNIQUE  
);  
-- Haley Archer

**Output:**  
Error at line 1/14: ORA-00955: name is already used by an existing object

*(This error indicates the table already exists. A DROP TABLE command may be needed before running this statement.)*

## **(8-4) Question 3: Adding NOT NULL Constraint to employee\_id in sec0804\_lunches**

**Query:**  
ALTER TABLE sec0804\_lunches  
MODIFY employee\_id NUMBER NOT NULL;  
-- Haley Archer

**Output:**  
Table altered. 0.04 seconds

## **(8-5) Question 4: Adding PRIMARY KEY Constraint to employee\_id in sec0805\_employees**

**Query:**  
ALTER TABLE sec0805\_employees  
ADD CONSTRAINT pk\_sec0805 PRIMARY KEY (employee\_id);  
-- Haley Archer

**Output:**  
Table altered. 0.05 seconds

## **(8-8) Question 5: Adding FOREIGN KEY Constraint to Validate state\_code in sec0808\_clients**

**Query:**  
ALTER TABLE sec0808\_clients  
ADD CONSTRAINT fk\_sec0808\_state FOREIGN KEY (state\_code)  
REFERENCES sec0808\_states (state\_code);  
-- Haley Archer

**Output:**  
Table altered. 0.04 seconds

## **(8-12) Question 6: Deleting California from sec0812\_states**

**Query:**  
DELETE FROM sec0812\_states WHERE state\_name = 'California';  
COMMIT;  
-- Haley Archer

**Output:**  
0 row(s) deleted. 0.03 seconds

*(No rows were deleted, indicating "California" might not exist in the table.)*

## **(8-13) Question 7: Changing state\_code for California to ZZ in sec0813\_states and sec0813\_clients**

**Query:**  
UPDATE sec0813\_states SET state\_code = 'ZZ' WHERE state\_name = 'California';  
UPDATE sec0813\_clients SET state\_code = 'ZZ' WHERE state\_code = 'CA';  
COMMIT;  
-- Haley Archer

**Output:**  
0 row(s) updated. 0.01 seconds  
ORA-02291: integrity constraint (WKSP\_HALARC1407.FK\_SEC0813\_CLIENTS\_STATES) violated - parent key not found

*(Foreign key violation suggests that there are dependent records in sec0813\_clients.)*

## **(8-17) Question 8: Setting Up RI with SET NULL for sec0817\_states and sec0817\_clients**

**Query:**  
ALTER TABLE sec0817\_clients  
ADD CONSTRAINT fk\_sec0817\_state FOREIGN KEY (state\_code)  
REFERENCES sec0817\_states (state\_code)  
ON DELETE SET NULL;  
-- Haley Archer

**Output:**  
Table altered. 0.03 seconds

## **(8-18) Question 9: Setting Up RI with CASCADE DELETE for sec0818\_states and sec0818\_clients**

**Query:**  
ALTER TABLE sec0818\_clients  
ADD CONSTRAINT fk\_sec0818\_state FOREIGN KEY (state\_code)  
REFERENCES sec0818\_states (state\_code)  
ON DELETE CASCADE;  
-- Haley Archer

**Output:**  
1 row(s) deleted. 0.00 seconds  
Table altered. 0.04 seconds

## **(8-19) Question 10: Setting Up RI with CASCADE DELETE for sec0819\_states and sec0819\_clients**

**Query:**  
ALTER TABLE sec0819\_clients  
ADD CONSTRAINT fk\_sec0819\_state FOREIGN KEY (state\_code)  
REFERENCES sec0819\_states (state\_code)  
ON DELETE CASCADE;  
-- Haley Archer

**Output:**  
1 row(s) deleted. 0.00 seconds  
Table altered. 0.03 seconds

## **(8-20) Question 11: Setting Up RI Between sec0820\_states and sec0820\_clients**

**Query:**  
ALTER TABLE sec0820\_clients  
ADD CONSTRAINT fk\_sec0820\_state FOREIGN KEY (state\_code)  
REFERENCES sec0820\_states (state\_code);  
-- Haley Archer

**Output:**  
Error at line 2/46: ORA-00904: "STATE\_CODE": invalid identifier

*(This error suggests that the column state\_code does not exist in sec0820\_clients.)*