3.1

1. Delete all from students

3-9, 10,14:

CREATE TABLE Grocery\_items(

product\_id NUMBER NOT NULL,

brand VARCHAR2(50),

description VARCHAR2(80)

);

INSERT INTO grocery\_items(product\_id, brand, description)

VALUES(110,'Colgate','toothpaste');

INSERT INTO grocery\_items(product\_id, brand, description)

VALUES(111,'Ivory','soap');

INSERT INTO grocery\_items(product\_id, brand, description)

VALUES(112,'Heinz','ketchup');

INSERT INTO grocery\_items(product\_id, brand, description)

VALUES(113,'CocaCola','beverage');

UPDATE grocery\_items

SET description='tomato catsup'

WHERE product\_id = 112;

INSERT INTO grocery\_items

VALUES(114,'Twix','candy');

UPDATE grocery\_items

SET brand='Dove'

WHERE product\_id = 111;

CREATE TABLE new\_items

(

product\_id NUMBER NOT NULL,

brand VARCHAR2(50),

description VARCHAR2(80)

);

INSERT INTO new\_items

VALUES(110,'Colgate','dental paste');

INSERT INTO new\_items

VALUES(175,'MtnDew','Soda');

INSERT INTO new\_items

VALUES(275,'Palmolive','Dish Detergent');

MERGE INTO grocery\_items g USING new\_items i ON (g.product\_id = i.product\_id) WHEN MATCHED THEN UPDATE SET g.brand = i.brand, g.description = i.description WHEN NOT MATCHED THEN INSERT VALUES(i.product\_id, i.brand, i.description);

SELECT \* FROM grocery\_items;

A white paper with black text

Description automatically generated

3.3:

Vocab

Implicit cursors

Explicit cursors

Merge

Insert

Delete

Update

1. False
2. Available when you use implicit cursors
3. CREATE TABLE new\_depts AS SELECT \* FROM departments;

DECLARE

v\_max\_deptno new\_depts.department\_id%TYPE;

v\_dept\_name new\_depts.department\_name%TYPE := 'A New Department';

v\_dept\_id new\_depts.department\_id%TYPE;

BEGIN

SELECT MAX(department\_id) INTO v\_max\_deptno

FROM new\_depts;

v\_dept\_id := v\_max\_deptno+10;

DBMS\_OUTPUT.PUT\_LINE('The maximum department id is: ' || v\_max\_deptno);

END;

A screen shot of a computer

Description automatically generated

3.4:

Vocab

Transaction

Savepoint

End

Commit

1. CREATE TABLE endangered\_species(

species\_id NUMBER(4) CONSTRAINT es\_spec\_pk PRIMARY KEY,

common\_name VARCHAR2(30) CONSTRAINT es\_com\_name\_nn NOT NULL,

scientific\_name VARCHAR2(30) CONSTRAINT es\_sci\_name\_nn NOT NULL);

1. Only the info relating to the polar bear would be saved.

A screenshot of a computer code

Description automatically generated