1.Text

Description automatically generated

You would be able to update this from the view. Street, city, state, and postal\_code would be entered as null if you tried to add another item, and if you updated or added a CREDIT\_LIMIT over 10000 it would not show in the view.

2.Text

Description automatically generatedText

Description automatically generated

The joins are created with primary keys and aren’t null so there wouldn’t be a problem with updating.

3.Text

Description automatically generatedText

Description automatically generatedText

Description automatically generated

Since the view has calculations it is impossible to update. For Instance if you tried to add a new order\_num with a total\_amount the base table wouldn’t know the quoted price the number of items used to calculate that total\_amount you would also be creating an unknown amount of items with unknown item numbers

4.

a. GRANT SELECT ON ITEM TO ASHTON;

b. GRANT INSERT ON ORDER\_LINE TO KELLY, MORGAN;

GRANT INSERT ON ORDERS TO KELLY, MORGAN;

c. GRANT UPDATE (PRICE) ON ITEM TO JAMES;

d. GRANT DELETE ON CUSTOMER TO DANIELSON;

e. GRANT SELECT (CUSTOMER\_NUM, CUSTOMER\_NAME, STREET, CITY, STATE, POSTAL\_CODE) ON CUSTOMER TO PUBLIC;

f. GRANT INDEX ON ORDERS TO PEREZ;

g. GRANT ALTER ON ITEM TO WASHINGTON;

h. GRANT ALL ON ORDERS TO GRINSTEAD;

5. REVOKE SELECT ON ITEM FROM ASHTON;

6.Text

Description automatically generated

7.Text

Description automatically generated

8. a. SELECT TABLE\_NAME FROM DBA\_TABLES WHERE OWNER = ‘MATTHEW’;

b. SELECT COLUMN\_NAME, DATA\_TYPE FROM DBA\_TAB\_COLUMNS WHERE TABLE\_NAME = ‘ITEM’;

9.Text

Description automatically generated

10.Graphical user interface, text

Description automatically generated