Fiacre Indagiye Sibomana

ITCS 3160

Assignment 4

1. USE prints

CREATE VIEW Under\_100 AS

SELECT items.item\_id, title, unit\_price, order\_qty

FROM items, orderline

WHERE unit\_price < '100';

2. CREATE VIEW Allen AS

SELECT customers.customer\_id, customer\_name, customer\_phone,title,artist

FROM customers, items

WHERE orders.order\_id >'0'

3. CREATE VIEW orders1 AS

SELECT items.item\_id,title,artist,unit\_price,order\_qty

FROM items,orderline,orders

WHERE order\_date BETWEEN 2014-01-01 AND 2014-02-28;

4. CREATE VIEW zip\_27 AS

SELECT customer\_name,customer\_phone,title,artist,ship\_date

FROM orders, customers,items

WHERE order\_id > '0' AND customer\_zip BETWEEN 27000 AND 27999;

5. CREATE INDEX customer\_id

ON customers (customer\_id);

CREATE INDEX name

ON customers (customer\_name);

CREATE INDEX shipped

ON orders (customer\_id,ship\_date);

6. DROP INDEX name ON customers;

7. ALTER TABLE items

ADD CONSTRAINT CHECK (unit\_price >'$35');

8. ALTER TABLE orders

ADD FOREIGN KEY (customer\_id) REFERENCES customers (customer\_id);

ALTER TABLE orderline

ADD FOREIGN KEY (item\_id) REFERENCES items (item\_id);

9. ALTER TABLE items

ADD type CHAR(1);

10. UPDATE items

SET type = 'M'

WHERE title = 'Skies Above';

11. ALTER TABLE items

MODIFY artist CHAR(30);

12. DROP TABLE orders;