DAY-8

**/\*1.Create view vw\_updatable\_products (use same query whatever I used in the training)**

**Try updating view with below query and see if the product table also gets updated.**

**Update query:**

**UPDATE updatable\_products SET unit\_price = unit\_price \* 1.1 WHERE units\_in\_stock < 10;\*/**

**create view vw\_updatable\_products AS**

**select**

**product\_id,**

**product\_name,**

**unit\_price,**

**units\_in\_stock,**

**discontinued**

**from products**

**where discontinued=0**

**with check option;**

**UPDATE vw\_updatable\_products SET unit\_price = unit\_price \* 1.1 WHERE units\_in\_stock < 10;**

**select \* from vw\_updatable\_products;**

**Output:**

**A screenshot of a computer

AI-generated content may be incorrect.**

**2./\*Update the product price for products by 10% in category id=1**

**Try COMMIT and ROLLBACK and observe what happens.\*/**

**BEGIN;**

**UPDATE products**

**SET unit\_price = unit\_price \* 1.10**

**WHERE category\_id = 1;**

**commit;**

**output:**

**A screenshot of a computer

AI-generated content may be incorrect.**

**Rollback;**

**Output;**

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**/\*3.Create a regular view which will have below details (Need to do joins):**

**Employee\_id,**

**Employee\_full\_name,**

**Title,**

**Territory\_id,**

**territory\_description,**

**region\_description\*/**

**CREATE VIEW employee\_territory\_details as**

**SELECT**

**e.employee\_id,**

**CONCAT(e.first\_name, ' ', e.last\_name) as employee\_full\_name,**

**e.title,**

**t.territory\_id,**

**t.territory\_description,**

**r.region\_description**

**from**

**employees e**

**join**

**employee\_territories et ON e.employee\_id = et.employee\_id**

**join**

**territories t ON et.territory\_id = t.territory\_id**

**join**

**region r ON t.region\_id = r.region\_id;**

**select \* from employee\_territory\_details;**

**output:**

**A screenshot of a computer

AI-generated content may be incorrect.**