CREATE TABLE COMMANDES (COMMANDE ID NUMBER PRIMARY KEY, CLIENT_ID NUMBER FOREIGN KEY REFERENCES CLIENTS (CLIENTID), PRODID NUMBER FOREIGN KEY REFERENCES PRODUITS (PRODID), PROMOID NUMBER FOREIGN KEY REFERENCES PROMOTIONS (PROMO_TD), YOMMANDE DATE DATE NOT NULL, COMMANDE-PRIX NUMBER NOT NULL, COMMANDE-QUANTITÉ NUMBER NOT NUIL

b) ACTER TABLE COMMANDES ADD CONSTAINT (_ POST_ ZOMS CHECK (YEAR (COMMANDE DATE)) 7045)) CREATE TRIGGER MAX_1_M_PARIS GEFORE INSERT OR UPDATE ON COMMANDE, F FOR EACH ROW DECLARE e_max-Im-Paris EXCEPTION; PRAGMA_EXCEPTION-INITCE_max-Infais, - (0001); Y-total-paris NUMBER; SFGIN SELECT SUM(C. (OMNANDE-RIX) INTO Vatoral_pais FROM COMMANDES c

INNER JOIN CLIENTS of ON C. CLIENT ID = Q. CLIENT - 1D WHERE S. VILLE = 'Paris'; IF v-total_paris > 1000 000 THEN

RAISE e-max_Im_paris;

SELECT P. PROD-ID FROM PRODUITS P CEFT JOIN COMMANDES C ON C. PRIOD_ID = P. PROD_ID GROUP BY P. PROD_ID HAVING COUNTG. PROD_ID)=0 b) SELECT C.CLIENT. ID, COUNT(*) FROM CLIENTS & INNER JOIN COMMANDES ON C. CLIENT ID = cd. CLIENT ID GROUP BY C. CLICNT-DID

SECECT C. CLIENT NOW FRON CLIENTSC INNER JOIN COMMANTES CA ON C. CLIENT ID = cd. CLIENT ID INNER JOIN PRODUITS P ON p. PROD_ID = d. PROD_ID WHERE p. PROD_CATEGORIE = 'H:F:' I GROUP BY C. CLIENT_ID, C. CLIENT NOW HAVING COUNT(DISTINCT P. PROD_ID)= SECECT COUNT(*) FROM PADDUITS WHERE PROD-CATEGORIE = 'HIF!

d) Ville et le nombre de l'enite rédit li Mérente pour la ville dans le limites de crédit superieures à 1000 et dont les limites de crédits moyennes de la ville est entre soos et

CREATE VIEW best-prociuits JELECT M. PROD. NOM, FROM PRODUITS P INNER JOIN COMMANDES C ON C. PROD-ID = p.PROD-ID GROUP OY C.PROD-DD, p. PROD-NOM HAVING SUM(PROD_QUANTITÉ) > Z * (SECECT SUN (PROD_QUANTITE) FROM COMMANDES GROUP BY PROD-ID

b) SELECT p. PROD-NOM
FROM PRODUITS PINNER JOIN
COMMANDES of OW of PRODID=p.PROJ-ID
INNER JOIN CLIENTS (ON L. CLIENT_ID = cd. CLIENT_ID WHERE C. CLIENT - VICCE = 'Paris' AND p. PROD_NON IN bost_produits GROUP BY p. PROD_NOM, pROD_TD ORER BY (OUNT (X) DESC LIMIT Si

SELECT P. PROD-NOW FROM PRODUITS PLEFT JOIN COMMANDES of OW cd. PRODID=p.PROJ_ID LEFT JOIN CLIENTS C WN L. CLIENT_ID = cd. CLIENT_ID WHERE C. CLIENT - VICCE = 1:Ple AND p. PROD_NON/IN bost_produits
GROUP BY p. PROD_NOM, p. PROD_TD
HAVING COUNT (p. prod_ ID)=0.

CREATE VIEW client solde inf 1000 SELECT (*) FROM CLIENTS WHERE CLIENT_ VIER = 'Paris' AND CLIENT_SOLDE < 1000; GRANT SECECT, UPDATE ON client-solde-inf-4000 to timtim. c) Il l'a modifié ou dessus de 1000 et donc n'est plus cecès.

CREATE FUNCTION FAN_PRODUIT (IN prod_id NUMBER) DECLARE V_dient VARCHAR (250); SECECT CLIENT-Non INTO Velient FROM COMMANDES A INNER JOIN CLIENSO OU c. CLIENT ID = cd. CLIENT ID WHERE cd. PROD_ID = prod_id GROUP BY C. CITENTIED, C-CLIENT_NOM HAVING SUM (cd. COMMANDE-QUANTITE)=(SELECT MAX (gto) FROM (SECECT SCM (COMMANDE-QUANTITE) FROM COMMANDE WHERE PRODITO = prodid
GROUP BY (LIENT ID))

RETURN V_client; C) CREATE TRIGGER provo-date INSERT OR UPDATE ON PRONOTIONS FOR EACH POIL DECLARE e_date-promo EXCEPTION; PRACMA_EXCEPTION_INIT(Q_date-promo; 2002) BEGIN IF : Mew. PROMO_DATEFIN < : MEW. RODIO, DATE DEBUT THEN RAISE e-date- promo END'