anapters Computer Stinces Dams (and Year) APPLACE 188/9618 Juggers are stored programs, which are automatical exemple a fired when some event occar. The Jugger are in fact, written to be executed in response to any of the following ovento-A delabase manifoulation (DML) statement (de DELETE, INSERT OR UPDATE) 3 A delabase defination (DDL) statement (CREATE , ALTER , DROP). = A detabase operations (SERVERERROR, LOGON, LOGOFF, STARTUP ON SHOTDOWN). Tayone can be defined on the table, vice, ocheme or database with which the event is associated Boylo of Tempers of Truggers can be written for the following deurforest =) Gengrating some derived column Values automatically. + enforcing referential Integrity 9 Event logging and Storing Information on Jable access Scanned with CamScanner

andiving. of synchronous replication of tables & smbosing security authorizations & Amenting sovalid transactions. Quality Treggors she syntax for creating a trugger is CREATE [OR REPLACE] TRIGURE Jugger - nome & BBFORE AFTER DISTERD OF & FINSERT [OR] UPDATE [OR] DELETE & [of col-name] ON Table - name [REFERENCING OLD AS O NEW AS N] [FOR EACH ROW] When (Condition) DECARE. Decleration - Statemento BEGIN Executable - Statements EXCEPTION Exception - handling - statements END; where , * CREATE FOR REPLACE] Trigger TRIGGER I 1 year-name - Guestos on Riplaces an existing

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with the trugger - names =) { B EFORE | AFTER | INSTEAD OF 9 - Theo spain when the daigger will be executed. The INSTEAD OF CLAUSE is used for creeting trugges on a view. =) { INSERT POR] OPPATE [OR] DELETE } -This specifies the OML operation. =) { OF cob-nome] - This specifies the column name that will be updated. => [ON table-name] - This specifies the name of the table associated with the trugger =) [REFERENCING OLD AS O NEW AS n] - This alsow you to rufer now and old values for various DML Statement, Such as INSERT, UPPATE and DELETE. => [FOR EACH ROW] - This specifies a now-level dougger, ie; the trigger will be executed for each now being affected. Otherwise the trugges will occube just once when the sal statement is executed which is called a dable level drugger

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