Computer Science DBMS 20-04-2020 (2nd year) PL/sol Targgers Inggers are stored programs, which are automotion executed or fixed when some event occur The bugger are in fact, written to be executed in suspense to any of the following events.) A dotabese manipulation (DML) statement (de DELETE, INSERT ON UPDATE) => A database defination (DDL) statement (CREATE, ALTER, DROP). =) A detabase operation (SERVERERROR, LOGON, LOGOFF, STARTUP ON SHUTDOWN). Taggette can be defined on the table, vice, scheme or database with which the event is associated Benlita of Todogens Truggers can be written for the following frusposest =) Gengrating some derived column Values automatically. => enforcing referential Integrity 3 Event logging and Storing Information on table Scanned with CamScanner

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=) Synchronous replication of tables
= Imposing security authorization
+ Preventing Invalid transactions
 Guating Truggers
The syntax for creating a trugger is
 CREATE [ OR REPLACE ] TRIGGE Jugger - name
& BEFORE AFTER INSTEAD OF &
{ 2NSERT [OR] UPDATE [OR] DELETE }
 [ of col-name ]
 ON Table - name
[ REFERENGING OLD AS O NEW AS N]
[ FOR EACH ROW
 When ( Condition
 DECARE
      Declaration - Statements
 BEGIN
     Executable - Statements
 EXCEPTION
     Exception - handling - Statements
  END;
 Where,
 CREATE OR REPLACE Trigger TRIGGER
            Creates on Replaces
```

with the trigger - name. =) {B EFORE | AFTER | INSTEAD OF } - Theo specifies. when the trigger will be executed. I he INSTEAD OF CLAUSE is used for exerting tougges on a view. =) { INSERT PORT | OPDATE [ORT DELETE] -Theo specifics the DML operation 3) { OF COB-name] - This specifies the column name that will be updated. 3 [ON Jable - name] - This specifies the name of the table associated with the trugger =) [REFERENCING OLD AS O NEW AS N) - This alsow you to rufer new and old values for various DML Statement, Such as INSERT, UPPATE and DELETE. => [FOR EACH ROW] - This Specifies a now-level drugger, i ie; the trigger will be executed for each now being affected. Otherwise the trugger will execute just once when the Sal Statement is executed which is called a table level tregger

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2) WHEN (condition) - This provides a condition

you nows you which the tougges would fire.

This dance is valid only for now

level treggers

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