

CUTION

PBSL Lab

Assignment 07 (Group A)

Name: shubham

Roll. No. 31118

| | Lagut paulantes 14 |
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| | Title: Patabaje Triggers, (All types: Row level 4 statement |
| 1 | level triggers, before & after triggers) |
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| | and but that Nathana I all the tollar |
| 3 | Problem Statements: |
| | Write a database trigger on library table. The |
| 1 | system should keep trank of the records that |
| | are boing indated delited. |
| | The old value of updated I deleted records should |
| | be added in library Audit table. |
| | |
| | Deter the triggering event triggering |
| 10 | Objectives: and stood homotory |
| | a Understand the concept of row level 4 statement |
| | level trigger |
| 10 | b) Understand the concept of initiated against |
| 6 | twoxi events the tends that the tends execute |
| | |
| 1 | Theory Cornepts: 2000 presented |
| | is patabase trigger is a PYSOL program unit, |

is a place the gets fired automatically whenever the data event such as port ppl system event of Friggers are associated whenever the fable of manipulated in predictive way.

The database trigger has the following companents

Triggering events

1) Triggering constraint

11) Triggering Action.



Assignment of (fromp A)

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4> Friggering types: i) statement trigger: trigger auton is executed once for the monipulation operation that fixes the trigger. is law Trigger: trigger action is performed repealedly for each row of the table that is affected by the monipulation operation that fire the frigges s> Triggering times! is performed before the operation that fires the trigger is executed 27 Affer the triggering event: triggering action is performed after the operation that fires the trigger is executed 67 Triggering event: 7 DELETE TRIGGER 18) MANY UPDATE TRIGUER III) INSERT TRIGGER General Syntax: Greate [or replace] TRIGITER chagger-nancy (BEFORE AFTER) PELETE @ INSERT @D UPDATE OF (Columna) ON ctable=rove) [for each 200 [when (condition)]

End:



| PICT, PUNE | |
|------------|---|
| | Deopping trigger Syntax: prop trigger <triggernous></triggernous> |
| | Testiases & ortput: The triggers are created for library table of tested on several testicones. The wide of ontput screen shots are attached Saparately. |
| | Conclusion: In this assignment I learned about trigger, their types, also implemented trigger on a table 4 performed various queries. |
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