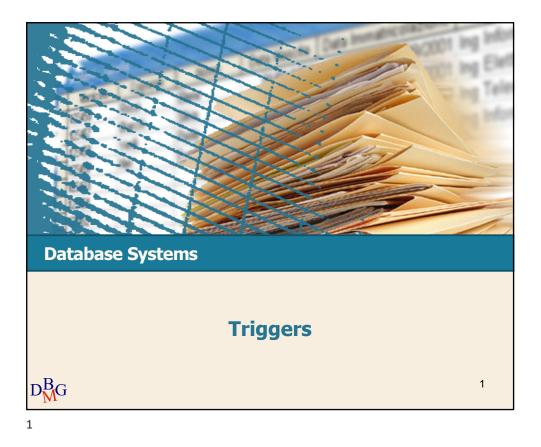
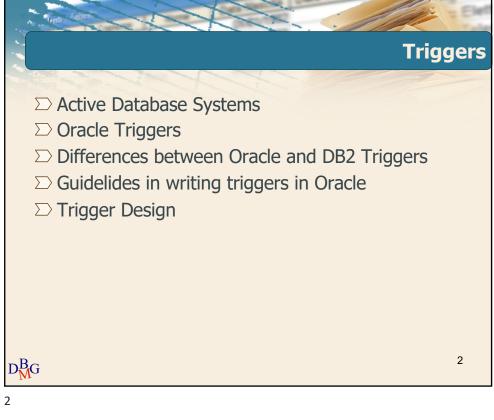
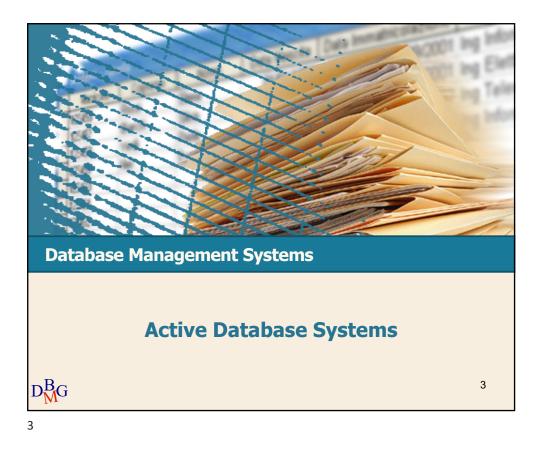
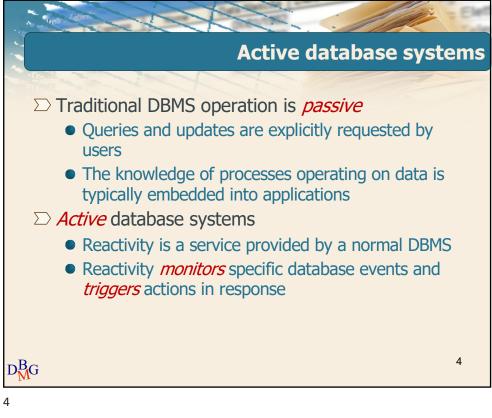
Database Management Systems

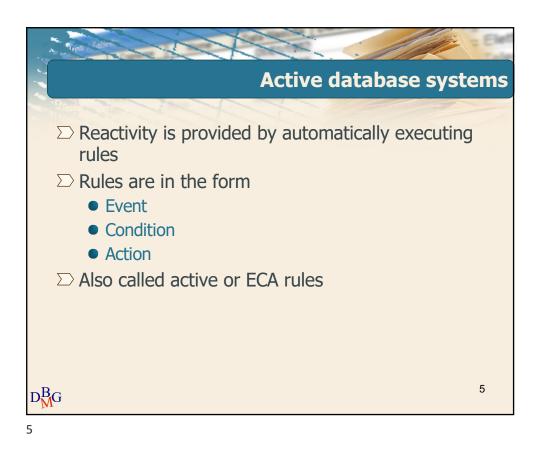


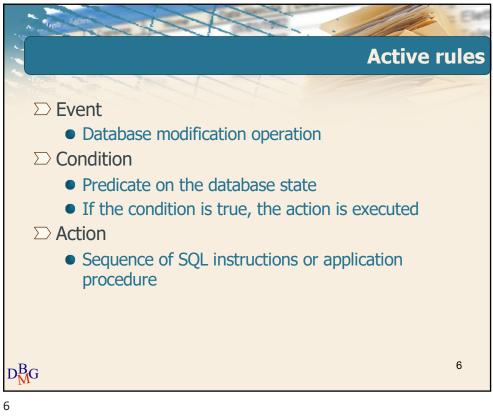


Database Management Systems

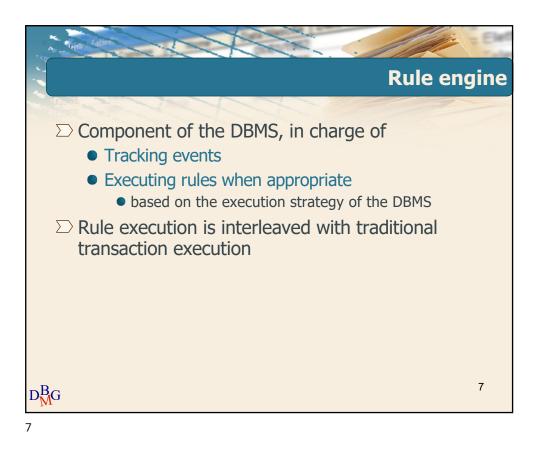


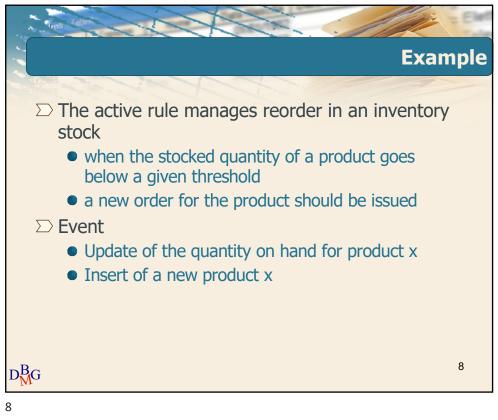


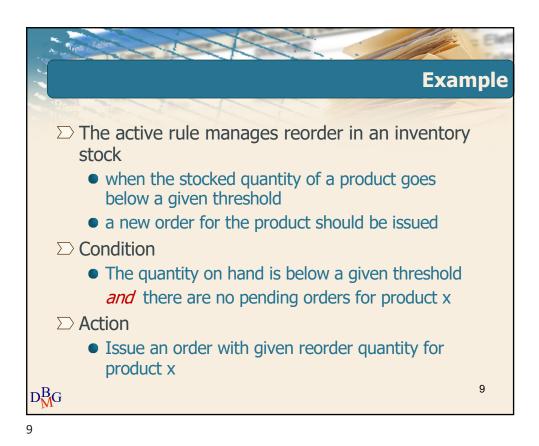


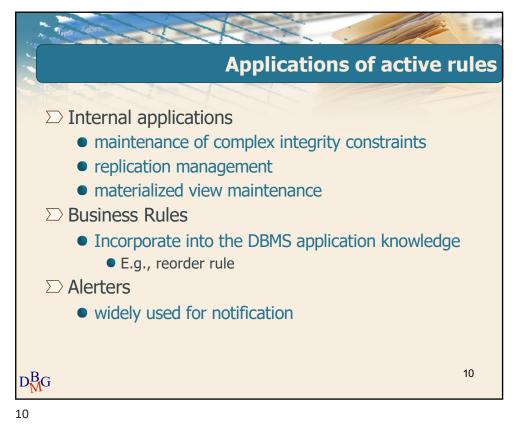


Triggers

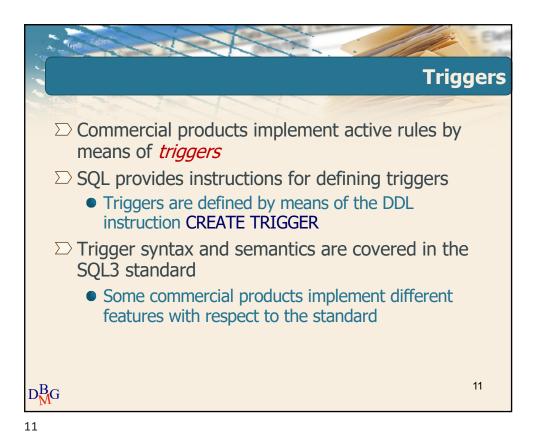


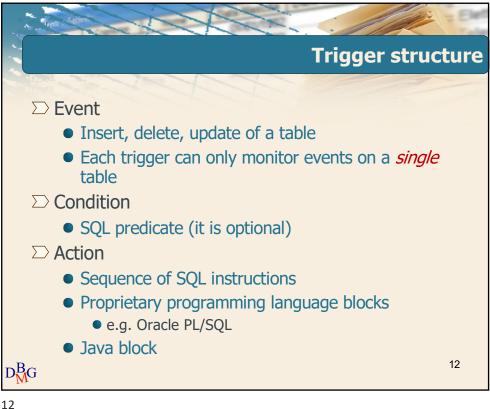


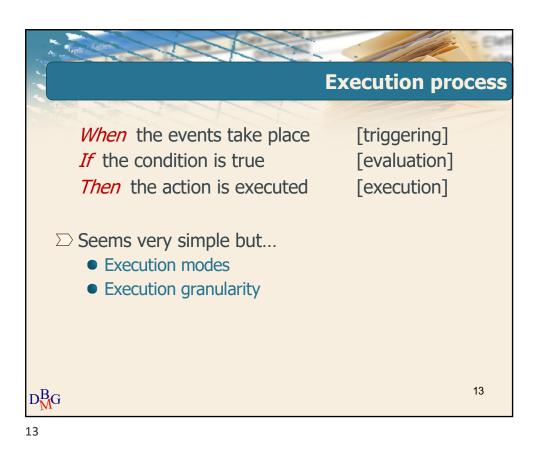


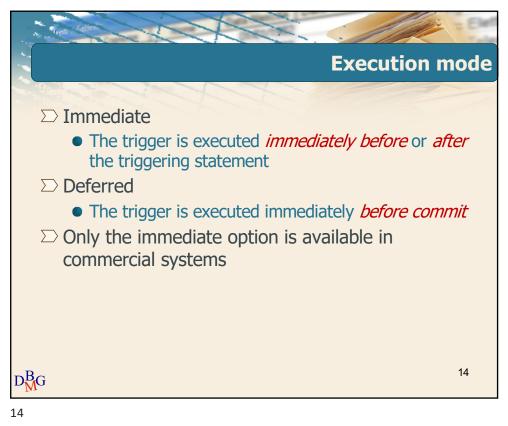


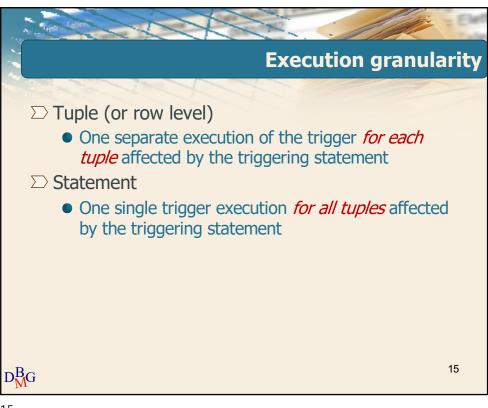
Triggers



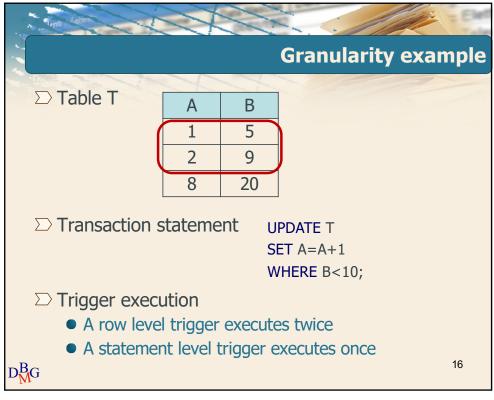






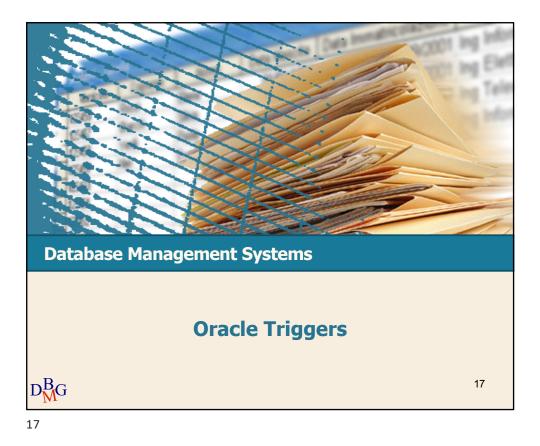


15



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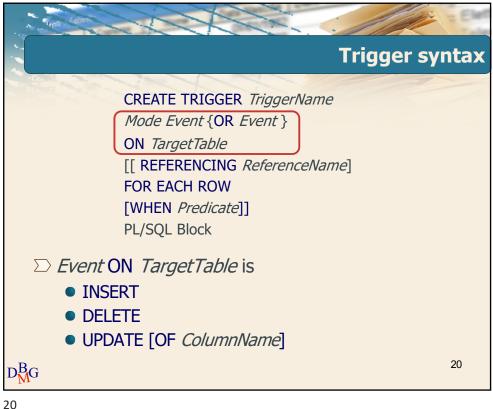
Database Management Systems





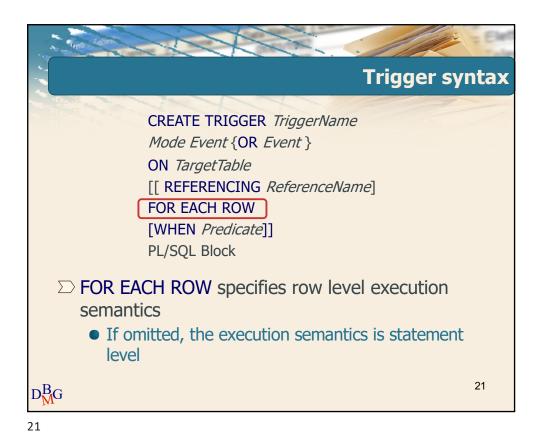
Triggers

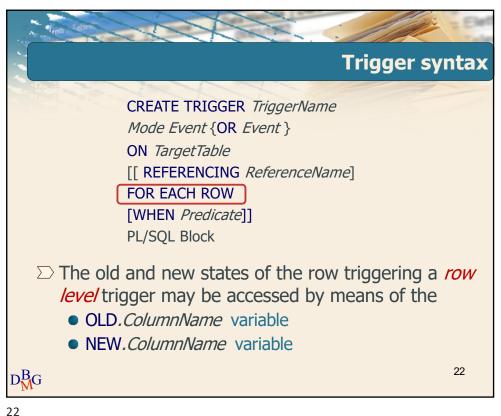




2

Triggers

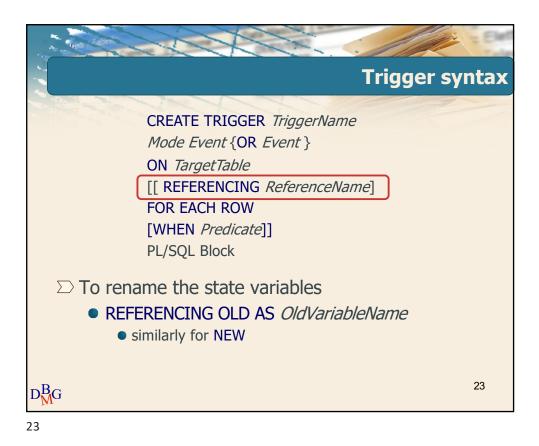




Elena Bara

Politecnico

Triggers



 CREATE TRIGGER TriggerName

 Mode Event {OR Event }

 ON TargetTable

 [[REFERENCING ReferenceName]

 FOR EACH ROW

 [WHEN Predicate]]

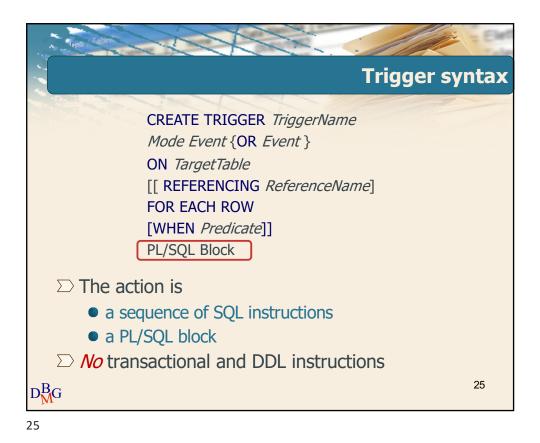
 PL/SQL Block

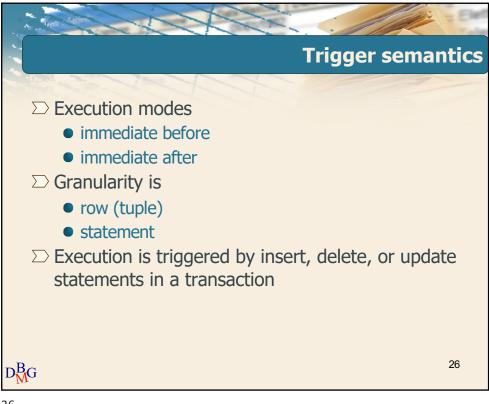
 Onduction may be optionally specified

 • The old and new state variables may be accessed

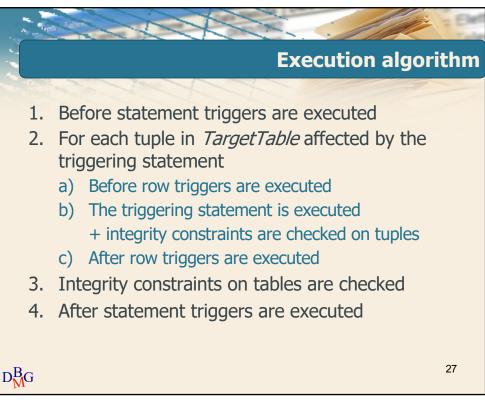
24

Triggers

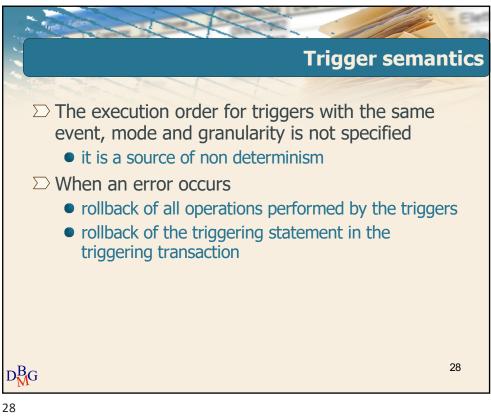


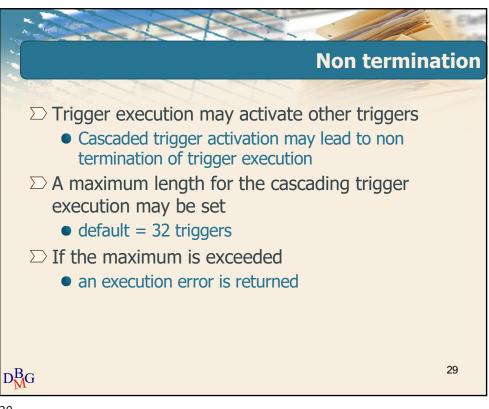


26

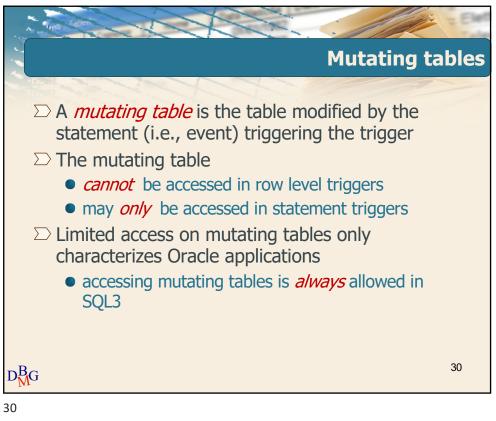


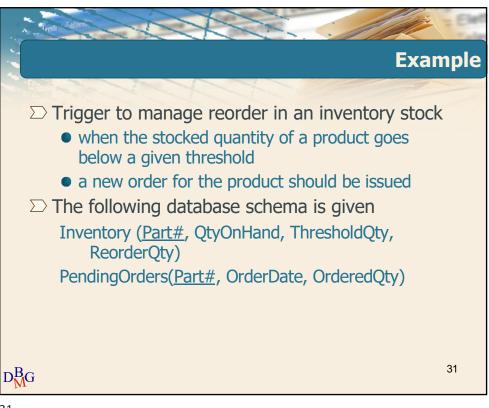






29





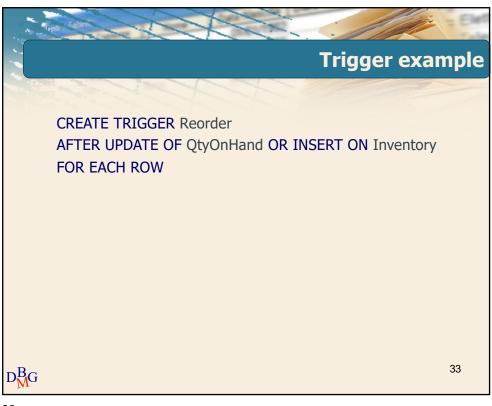
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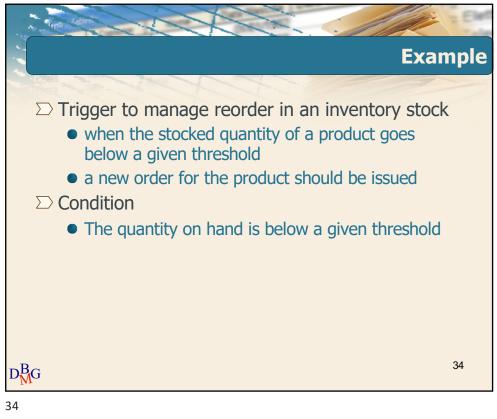
Elena Bara

Politecnicc

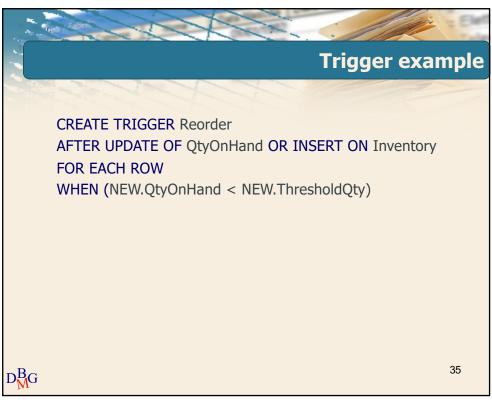
Triggers



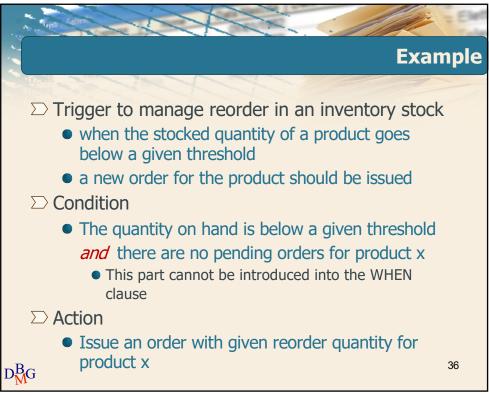
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Triggers

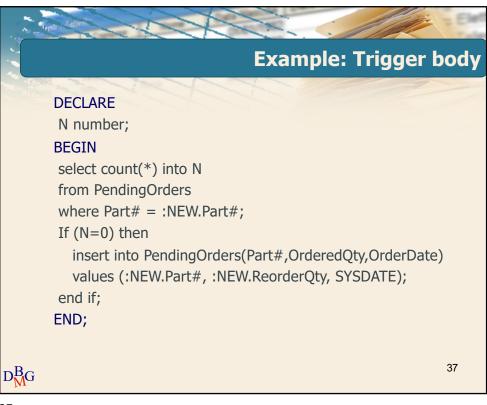


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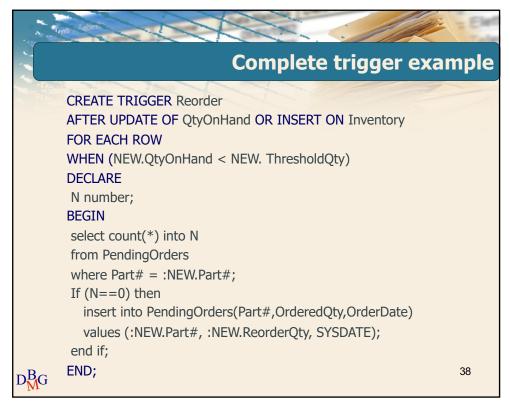


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Triggers

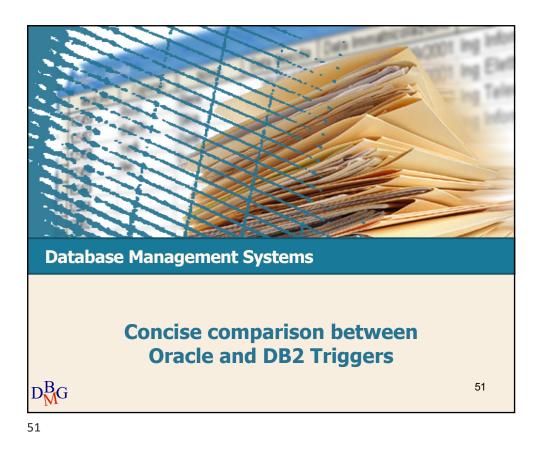


37



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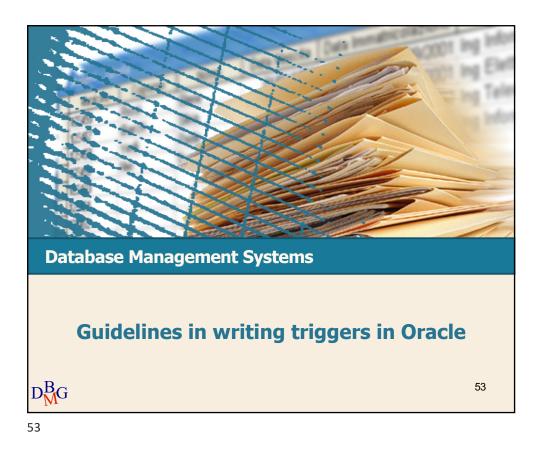
Database Management Systems

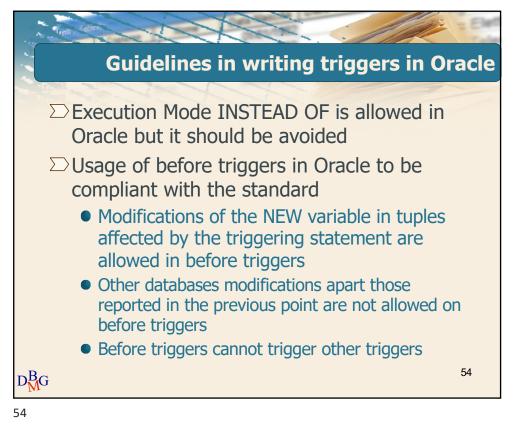


		Č -
Differences between Oracle and DB2		
	Oracle	DB2
Reference to Old_Table and New_Table in statement triggers	No	Yes
When clause in statement triggers	No	Yes
Execution order between row and statement triggers with same mode	Specified	Arbitrary
Execution order between triggers with same event, mode and granularity	Unspecified	Creation Order
More than one triggering event allowed	Yes	No
Forbidden access to the mutating table	Yes for row triggers	No
Availability of the instead semantics	Yes	No
Database modifications allowed in before $D^B_M\!G$ triggers	Yes	Only NEW variables

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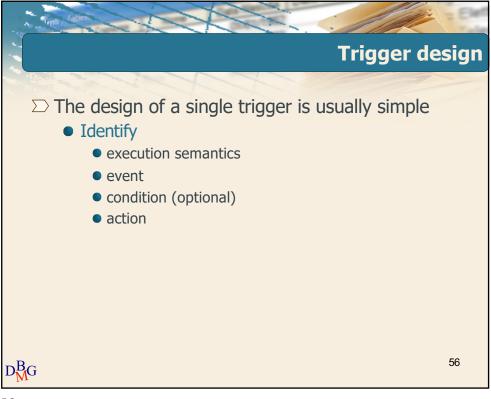
Database Management Systems



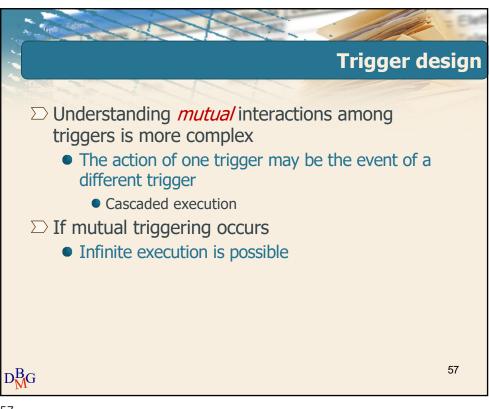


Database Management Systems

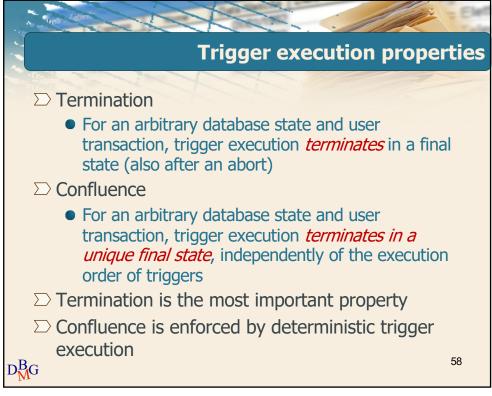




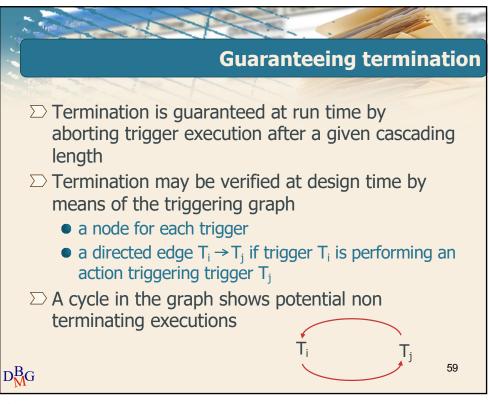
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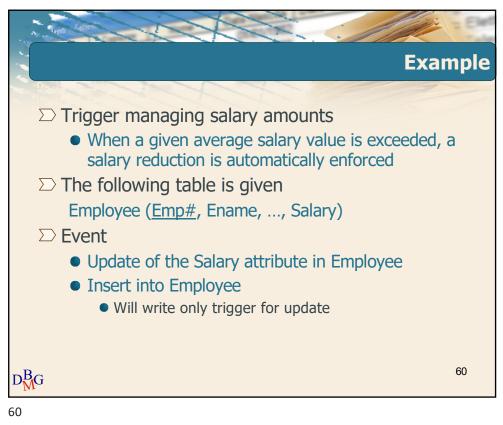
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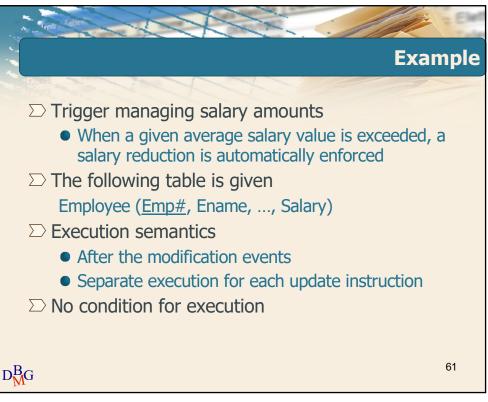
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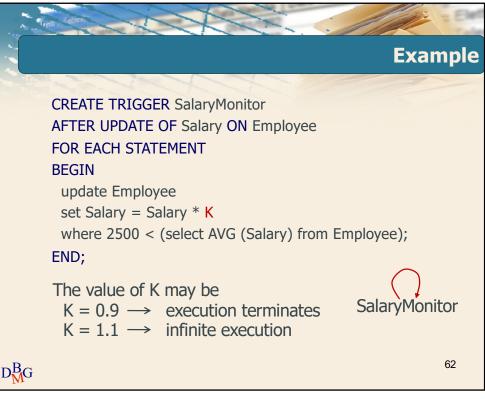
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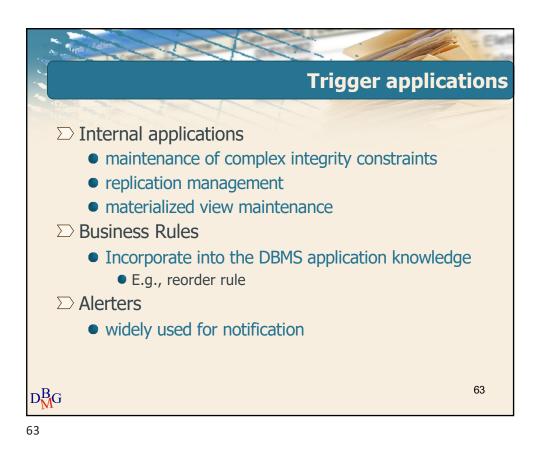
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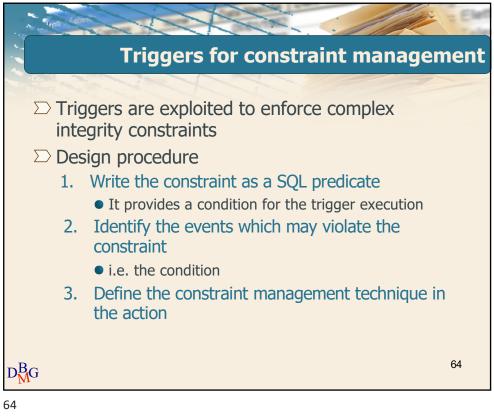


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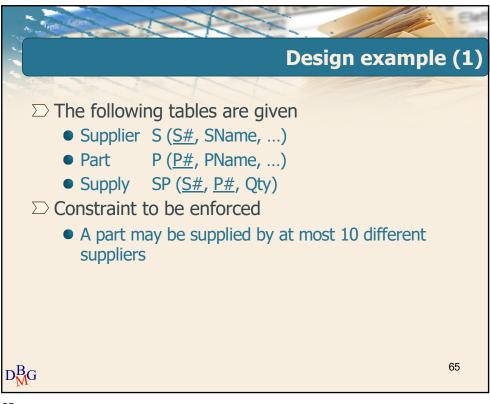


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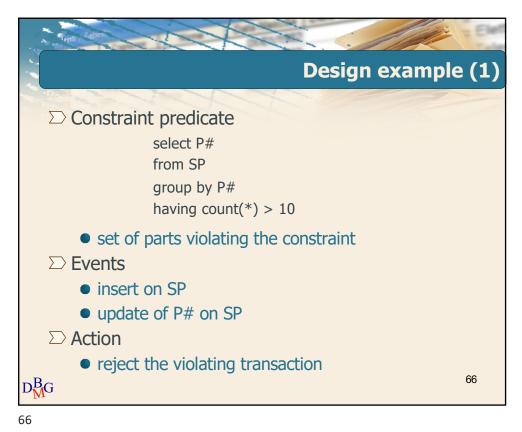




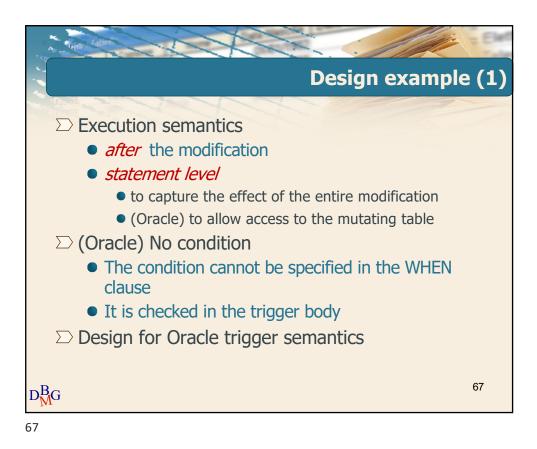
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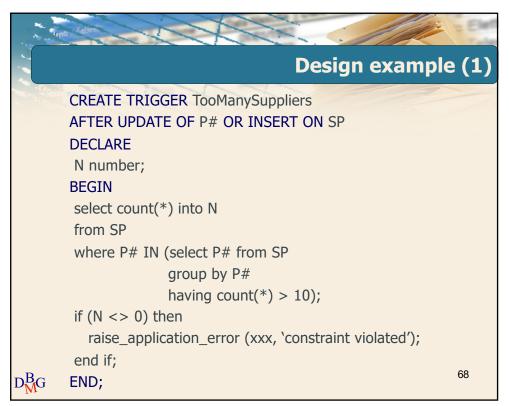


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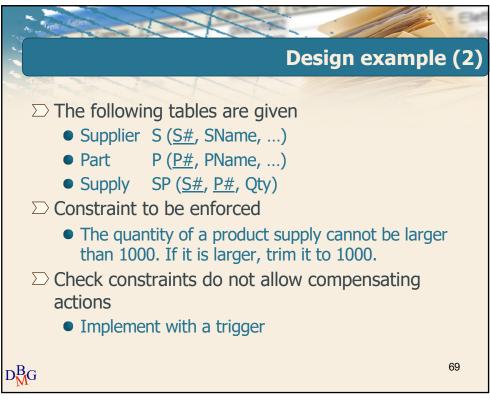
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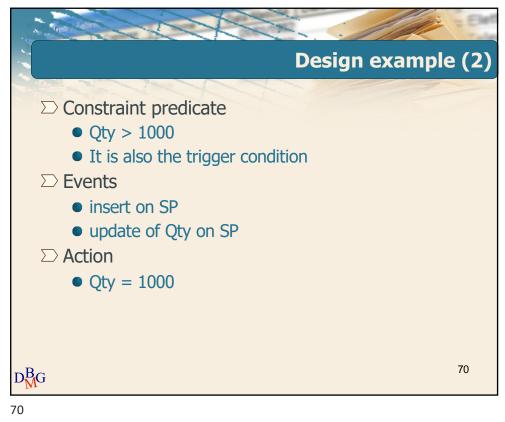


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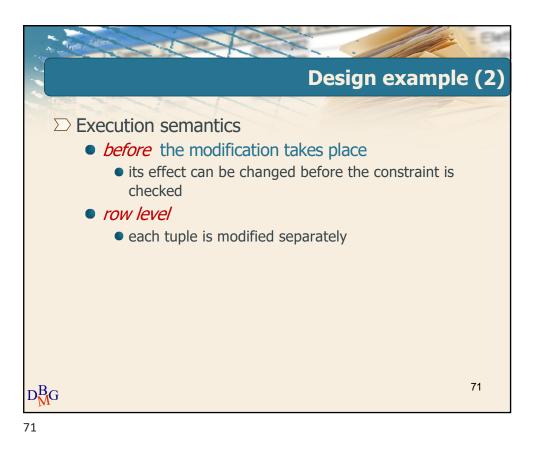
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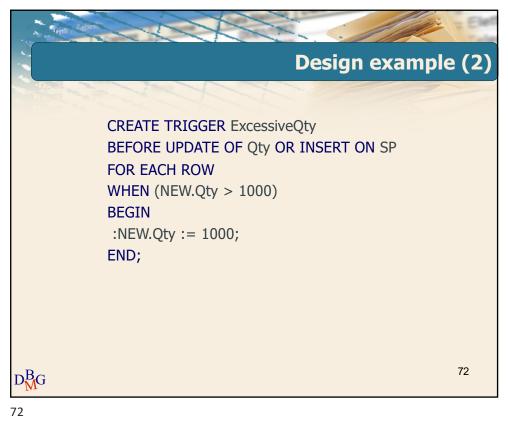


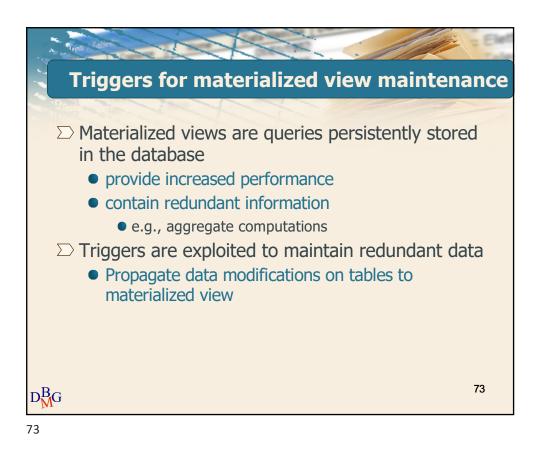
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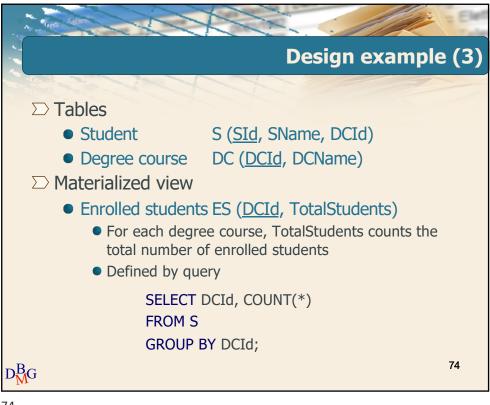


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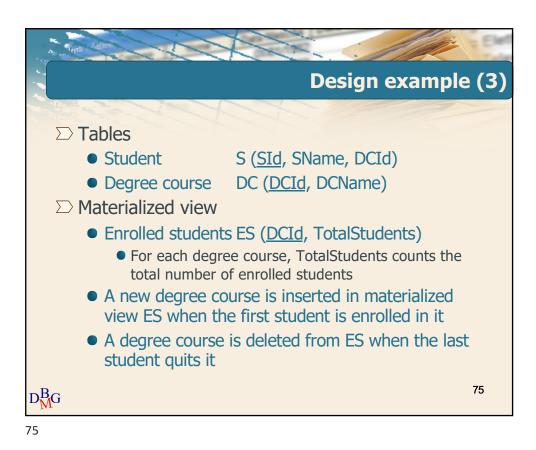


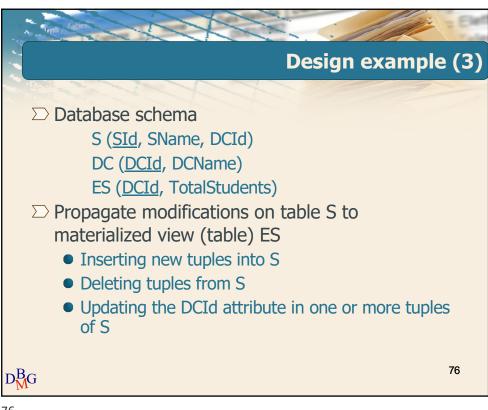




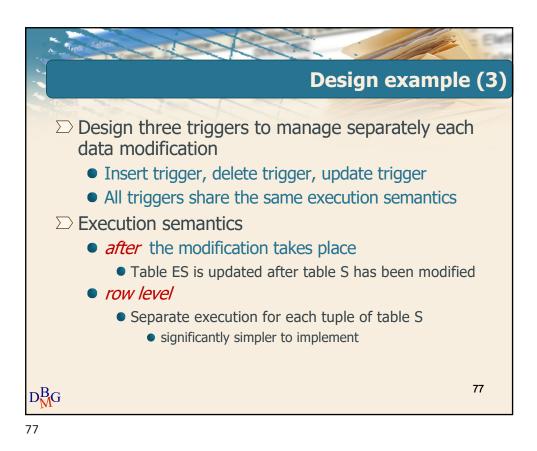


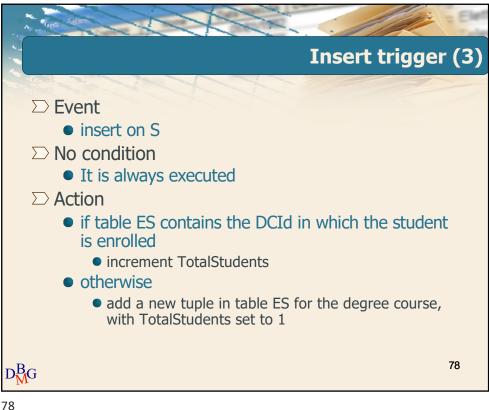
74





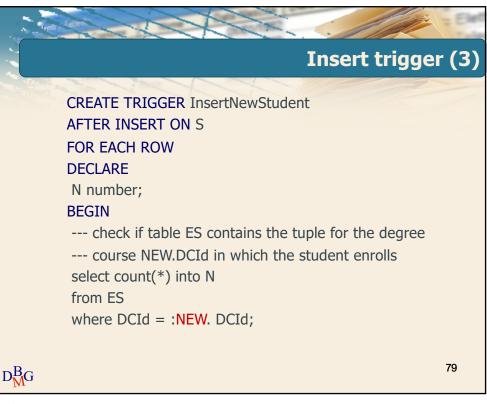
76



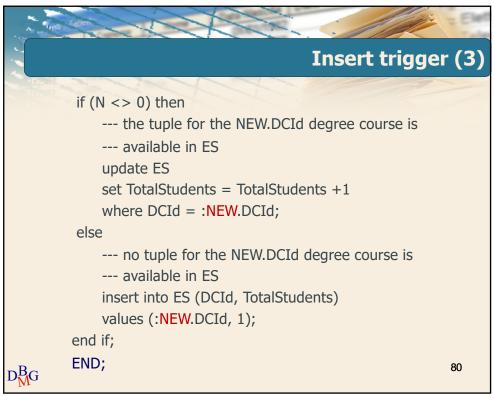


7

Triggers

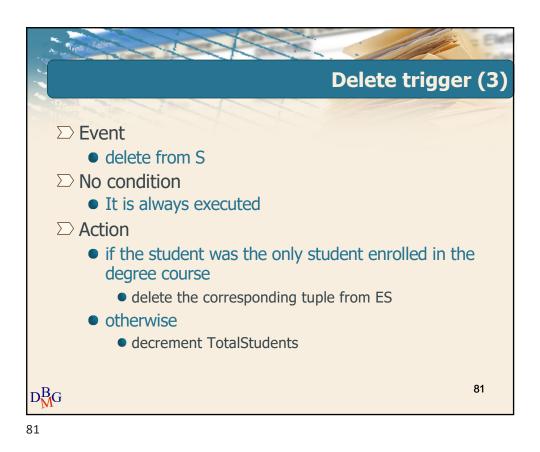


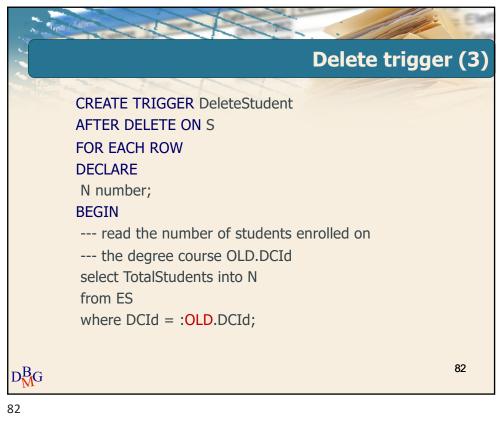
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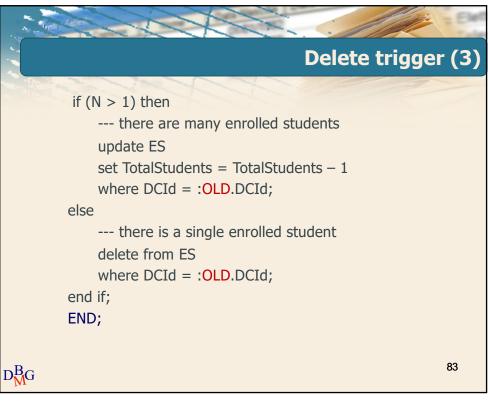
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Triggers

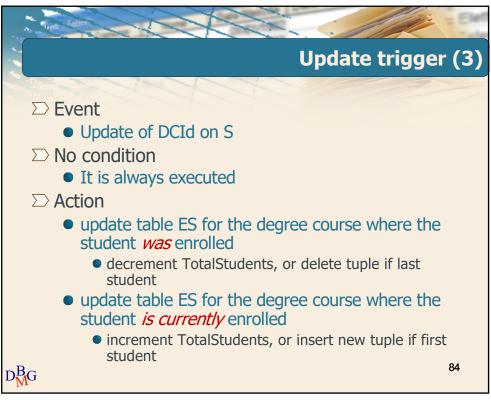




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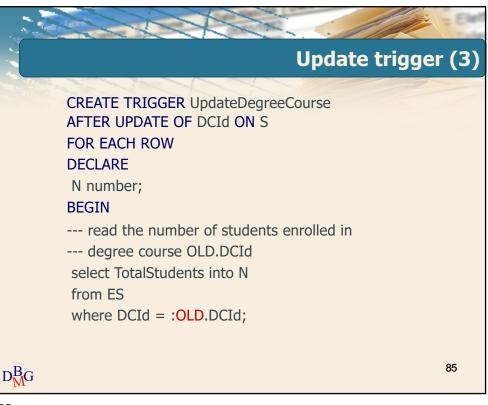


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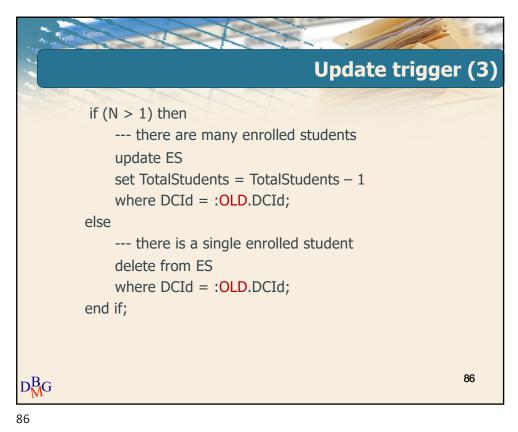


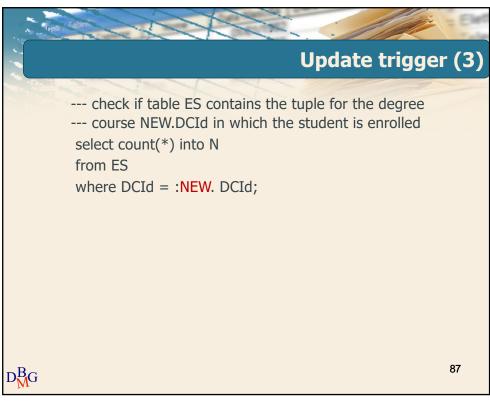
84

Triggers



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