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| CREATE | ALTER | DROP | OTHERS |
| [CREATE CLUSTER](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#CREATE CLUSTER) [CREATE CONTEXT](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#CREATE CONTEXT) [CREATE CONTROLFILE](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#CREATE CONTROLFILE) [CREATE DATABASE](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#CREATE DATABASE) [CREATE DATABASE LINK](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#CREATE DATABASE LINK) [CREATE DIMENSION](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#CREATE DIMENSION) [CREATE DIRECTORY](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#CREATE DIRECTORY) [CREATE DISKGROUP](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#CREATE DISKGROUP) [CREATE FUNCTION](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#CREATE FUNCTION) [CREATE INDEX](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#CREATE INDEX) [CREATE INDEXTYPE](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#CREATE INDEXTYPE) [CREATE JAVA](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#CREATE JAVA) [CREATE LIBRARY](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#CREATE LIBRARY) [CREATE MATERIALIZED VIEW](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#CREATE MATERIALIZED VIEW) [CREATE MATERIALIZED VIEW LOG](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#CREATE MATERIALIZED VIEW LOG) [CREATE OPERATOR](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#CREATE OPERATOR) [CREATE OUTLINE](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#CREATE OUTLINE) [CREATE PACKAGE](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#CREATE PACKAGE) [CREATE PACKAGE BODY](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#CREATE PCKAGE BODY) [CREATE PFILE](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#CREATE PFILE) [CREATE PROCEDURE](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#CREATE PROCEDURE) [CREATE PROFILE](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#CREATE PROFILE) [CREATE ROLE](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#CREATE ROLE) [CREATE ROLLBACK SEGMENT](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#CREATE ROLLBACK SEGMENT) [CREATE SCHEMA AUTHORIZATION](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#CREATE SCHEMA AUTHORIZATION) [CREATE SEQUENCE](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#CREATE SEQUENCE) [CREATE SPFILE](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#CREATE SPFILE) [CREATE SYNONYM](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#CREATE SYNONYM) [CREATE TABLE](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#CREATE TABLE) [CREATE TABLESPACE](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#CREATE TABLESPACE) [CREATE TRIGGER](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#CREATE TRIGGER) [CREATE TYPE](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#CREATE TYPE) [CREATE TYPE BODY](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#CREATE TYPE BODY) [CREATE USER](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#CREATE USER) [CREATE VIEW](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#CREATE VIEW) | [ALTER CLUSTER](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#ALTER CLUSTER) [ALTER DATABASE](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#ALTER DATABASE) [ALTER DIMENSION](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#ALTER DIMENSION) [ALTER DISKGROUP](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#ALTER DISKGROUP) [ALTER FUNCTION](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#ALTER FUNCTION) [ALTER INDEX](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#ALTER INDEX) [ALTER INDEXTYPE](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#ALTER INDEXTYPE) [ALTER JAVA](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#ALTER JAVA) [ALTER MATERIALIZED VIEW](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#ALTER MATERIALIZED VIEW) [ALTER MATERIALIZED VIEW LOG](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#ALTER MATERIALIZED VIEW LOG) [ALTER OPERATOR](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#ALTER OPERATOR) [ALTER OUTLINE](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#ALTER OUTLINE) [ALTER PACKAGE](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#ALTER PACKAGE) [ALTER PROCEDURE](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#ALTER PROCEDURE) [ALTER PROFILE](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#ALTER PROFILE) [ALTER RESOURCE COST](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#ALTER RESOURCE COST) [ALTER ROLE](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#ALTER ROLE) [ALTER ROLLBACK SEGMENT](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#ALTER ROLLBACK SEGMENT) [ALTER SEQUENCE](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#ALTER SEQUENCE) [ALTER SESSION](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#ALTER SESSION) [ALTER TABLE](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#ALTER TABLE) [ALTER TABLESPACE](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#ALTER TABLESPACE) [ALTER TRIGGER](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#ALTER TRIGGER) [ALTER TYPE](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#ALTER TYPE) [ALTER USER](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#ALTER USER) [ALTER VIEW](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#ALTER VIEW) | [DROP CLUSTER](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#DROP CLUSTER) [DROP CONTEXT](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#DROP CONTEXT) [DROP DATABASE](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#DROP DATABASE) [DROP DATABASE LINK](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#DROP DATABASE LINK) [DROP DIMENSION](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#DROP DIMENSION) [DROP DIRECTORY](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#DROP DIRECTORY) [DROP DISKGROUP](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#DROP DISKGROUP) [DROP FUNCTION](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#DROP FUNCTION) [DROP INDEX](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#DROP INDEX) [DROP INDEXTYPE](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#DROP INDEXTYPE) [DROP JAVA](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#DROP JAVA) [DROP LIBRARY](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#DROP LIBRARY) [DROP MATERIALIZED VIEW](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#DROP MATERIALIZED VIEW) [DROP MATERIALIZED VIEW LOG](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#DROP MATERIALIZED VIEW LOG) [DROP OPERATOR](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#DROP OPERATOR) [DROP OUTLINE](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#DROP OUTLINE) [DROP PACKAGE](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#DROP PACKAGE) [DROP PROCEDURE](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#DROP PROCEDURE) [DROP PROFILE](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#DROP PROFILE) [DROP ROLE](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#DROP ROLE) [DROP ROLLBACK SEGMENT](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#DROP ROLLBACK SEGMENT) [DROP SEQUENCE](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#DROP SEQUENCE) [DROP SYNONYM](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#DROP SYNONYM) [DROP TABLESPACE](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#DROP TABLESPACE) [DROP TRIGGER](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#DROP TRIGGER) [DROP TYPE](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#DROP TYPE) [DROP TYPE BODY](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#DROP TYPE BODY) [DROP USER](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#DROP USER) [DROP VIEW](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#DROP VIEW) | [ANALYZE](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#ANALYZE) [ASSOCIATE STATISTICS WITH](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#ASSOCIATE STATISTICS WITH) [AUDIT](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#AUDIT) [CALL](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#CALL) [COMMENT ON](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#COMMENT ON) [COMMIT](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#COMMIT) [DELETE](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#DELETE) [DISASSOCIATE STATISTICS](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#DISASSOCIATE STATISTICS) [EXPLAIN PLAN](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#EXPLAIN PLAN) [FLASHBACK DATABASE](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#FLASHBACK DATABASE) [FLASHBACK TABLE](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#FLASHBACK TABLE) [GRANT](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#GRANT) [INSERT](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#INSERT) [LOCK TABLE](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#LOCK TABLE) [MERGE](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#MERGE) [NOAUDIT](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#NOAUDIT) [PURGE](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#PURGE) [RENAME](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#RENAME) [REVOKE](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#REVOKE) [ROLLBACK](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#ROLLBACK) [SAVEPOINT](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#SAVEPOINT) [SELECT](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#SELECT) [SET CONSTRAINT[S]](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#SET CONSTRAINT[S]) [SET ROLE](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#SET ROLE) [SET TRANSACTION](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#SET TRANSACTION) [TRUNCATE](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#TRUNCATE) [UPDATE](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#UPDATE) |

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| **ALTER CLUSTER**  **ALTER CLUSTER** [schema.]cluster  {[physical\_attributes\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#physical_attributes_clause) | SIZE [size\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#size_clause) | [allocate\_extent\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#allocate_extent_clause) | [deallocate\_unused\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#deallocate_unused_clause) | {CACHE | NOCHACHE}}…  [[parallel\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#parallel_clause)];   Right Click to go back. |
| **ALTER DATABASE**  **ALTER DATABASE** [database]  {[startup\_clauses](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#startup_clauses) | [recovery\_clauses](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#recovery_clauses) | [database\_file\_clauses](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#database_file_clauses) | [logfile\_clauses](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#logfile_clauses) | [controlfile\_clauses](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#controlfile_clauses) | [standby\_database\_clauses](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#standby_database_clauses) | [default\_settings\_clauses](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#default_settings_clauses) | [redo\_thread\_clauses](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#redo_thread_cluasues) | [security\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#security_clause)};   Right Click to go back. |
| **ALTER DIMENSION**  **ALTER DIMENSION** [schema.]dimension  {ADD {[level\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#level_clause) | [hierarchy\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#hierarchy_clause) | [attribute\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#attribute_clause) | [extended\_attribute\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#extended_attribute_clause)}…  {DROP {LEVEL level [RESTRICT | CASCADE] | HIERARCHY hierarchy | ATTRIBUTE attribute [LEVEL level [COLUMN column …}… COMPILE;   Right Click to go back. |
| **ALTER DISKGROUP**  **ALTER DISKGROUP** {[disk\_clauses](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#disk_clauses) | [diskgroup\_clauses](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#diskgroup_clauses)} …;   Right Click to go back. |
| **ALTER FUNCTION**  **ALTER FUNCTION** [schema.]function  COMPILE [DEBUG] [[compiler\_parameters\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#compiler_parameters_clause) …] [REUSE SETTING];   Right Click to go back. |
| **ALTER INDEX**  **ALTER INDEX** [schema.]index  {{[deallocate\_unused\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#deallocate_unused_clause) | [allocate\_extent\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#allocate_extent_clause) | [shrink\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#shrink_clause) | [parallel\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#parallel_clause) | [physical\_attributes\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#physical_attributes_clause) | [logging\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#logging_clause)}… | [rebuild\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#rebuild_clause) | PARAMETERS (‘ODCI\_parameters’) | {ENABLE | DISABLE} |UNUSABLE | RENAME TO new\_name | COALESCE | {MONITORING | NOMONITORING} USAGE | UPDATE BLOCK REFERENCES | [alter\_index\_partitioning](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#alter_index_partitioning)};   Right Click to go back. |
| **ALTER INDEXTYPE**  **ALTER INDEXTYPE** [schema.]indextype  {{ADD | DROP} [schema.]operator (parameter\_types)}… [using\_type\_clause] | COMPILE};   Right Click to go back. |
| **ALTER JAVA**  **ALTER JAVA** {SOURCE | CLASS} [schema.]object\_name  [RESOLVER (match\_string[,]{schema\_name | - })…]  {{COMPILE | RESERVE} | [invoker\_rights\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#invoker_rigths_clause)};   Right Click to go back. |
| **ALTER MATERIALIZED VIEW**  **ALTER MATERIALIZED VIEW** [schema.](materialized\_view)  [[physical\_attributes\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#physical_attributes_clause) | [table\_compression](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#table_compression) | [LOB\_storage\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#LOB_storage_clause)… | [modify\_LOB\_storage\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#modify_LOB_storage_clause)… | [alter\_table\_partitioning](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#alter_table_partitioning) | [parallel\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#parallel_clause) | [allocate\_extent\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#allocate_extent_clause) | [shrink\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#shrink_clause) | {CACHE | NOCACHE}] [[alter\_iot\_clauses](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#alter_iot_clauses)] [USING INDEX [physical\_allributes\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#physical_attributes_clause)] [MODIFY [scoped\_table\_ref\_constraint](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#scoped_table_ref_constraint) | [alter\_mv\_refresh](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#alter_mv_refresh)] [ {ENABLE | DISABLE} QUERY REWRITE | COMPILE | CONSIDER FRESH];   Right Click to go back. |
| **ALTER MATERIALIZED VIEW LOG**  **ALTER MATERIALIZED VIEW LOG** [FORCE] ON [schema.]table  [[physical\_attribute\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#physical_attributes_clause) | [alter\_table\_partitioning](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#alter_table_partitioning) | [parallel\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#parallel_clause) | [logging\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#logging_clause)  | [allocate\_extent\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#allocate_extent_clause) | [shrink\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#shrink_clause) | {CACHE | NOCACHE}]  [ADD {OBJECT ID | PRIMARY KEY | ROWID | SEQUENCE}[(column [, column]…)] (column [, column]…)}… [[new\_values\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#new_values_clause)]];   Right Click to go back. |
| **ALTER OPERATOR**  **ALTER OPERATOR** [schema.]operator  {[add\_binding\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#add_binding_clause) | [drop\_binging\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#drop_binding_clause) | COMPILE};   Right Click to go back. |
| **ALTER OUTLINE**  **ALTER OUTLINE** [PUBLIC | PRIVATE] outline  {REBUILD | RENAME TO new\_outline\_name | CHANGE CATEGORY TO new\_category\_name | {ENABLE | DISABLE}}…;   Right Click to go back. |
| **ALTER PACKAGE**  **ALTER PACKAGE** [schema.]package  COMPILE [DEBUG] [PACKAGE | SPECIFICATION | BODY] [[compiler\_parameters\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#compiler_parameters_clause)]… [REUSE SETTINGS];   Right Click to go back. |
| **ALTER PROCEDURE**  **ALTER PROCEDURE** [schema.]procedure  COMPILE [DEBUG] [[compiler\_parameters\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#compiler_parameters_clause)]… [REUSE SETTINGS];   Right Click to go back. |
| **ALTER PROFILE**  **ALTER PROFILE** profile LIMIT  [[resource\_parameters](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#resource_parameters) | [password\_parameters](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#password_parameters)]…;   Right Click to go back. |
| **ALTER RESOURCE COST**  **ALTER RESOURCE COST**  {CPU\_PER\_SESSION | CONNECT\_TIME | LOGICAL\_READS\_PER\_SESSION | PRIVATE\_SGA} [integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer) …;   Right Click to go back. |
| **ALTER ROLE**  **ALTER ROLE** role  {NOT IDENTIFIED | IDENTIFIED {BY password | USING [schema.]package | EXTERNALLY | GLOBALLY};   Right Click to go back. |
| **ALTER ROLLBACK SEGMENT**  **ALTER ROLLBACK SEGMENT** rollback\_segment  {ONLINE | OFFLINE | [storage\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#storage_clause) | SHRINK [ TO [integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer) [K | M]]};   Right Click to go back. |
| **ALTER SEQUENCE**  **ALTER SEQUENCE** [schema.]sequence  {INCREMENT BY [integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer) | {MAXVALUE [integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer) | NOMAXVALUE} | {MINVALUE [integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer) | NOMINVALUE} | {CYCLE | NOCYCLE} | {CACHE [integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer)  | NOCACHE} | {ORDER | NOORDER}]…;   Right Click to go back. |
| **ALTER SESSION**  **ALTER SESSION** {[archive\_log\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#archive_log_clause) | [checkpoint\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#checkpoint_clause) | [check\_datafiles\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#check_datafiles_clause) | DUMP ACTIVE SESSION HISTORY [MINUTES [integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer) ] [distributed\_recov\_clauses](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#distributed_recov_clauses) FLUSH {SHARED\_POOL | BUFFER\_CACHE} [end\_session\_clauses](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#end_session_clauses) SWITCH LOGFILE {SUSPEND | RESUME} | [quiesce\_clauses](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#quiesce_clauses) | [shutdown\_dispatcher\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#shutdown_dispatcher_clause) | REGISTER | SET [alter\_system\_set\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#alter_system_set_clause)… | RESET [alter\_system\_reset\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#alter_system_reset_clause)… };   Right Click to go back. |
| **ALTER TABLE**  **ALTER TABLE** [schema.]table  [[alter\_table\_properties](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#alter_table_properties) | [column\_clauses](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#column_clauses) | [constraint\_clauses](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#constraint_clauses) | [alter\_table\_partitioning](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#alter_table_partitioning) | [alter\_external\_table\_clauses](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#alter_external_table_clauses) | [move\_table\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#move_table_clause)]  [[enable\_diable\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#enable_disable_clause) | {ENABLE | DIABLE} {TABLE LOCK | ALL TRIGGERS}]…;   Right Click to go back. |
| **ALTER TABLESPACE**  **ALTER TABLESPACE** tablespace  {DEFAULT [[table\_compression](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#table_compression)] [storage\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#storage_clause) | MINIMUM EXTENT [integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer) [K|M] | RESIZE [size\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#size_clause) | COALESCE | RENAME TO new\_tablespace\_name | {BEGIN | END} BACKUP | [datafile\_tempfile\_clauses](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#datafile_tempfile_clauses) | [tablespace\_logging\_clauses](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#tablespace_logging_clauses) | [tablespace\_group\_clauses](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#tablespace_group_clause) | [tablespace\_state\_clauses](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#tablespace_state_clauses) | [autoextend\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#autoextend_clause) | [flashback\_mode\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#flashback_mode_clause) | [tablespace\_retention\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#tablespace_retention_clause)};   Right Click to go back. |
| **ALTER TRIGGER**  **ALTER TRIGGER** [schema.]trigger  {ENABLE | DISABLE | RENAME TO new\_name | COMPILE [DEBUG] [[compiler\_parameters\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#compiler_parameters_clause)]… [REUSE SETTING]};   Right Click to go back. |
| **ALTER TYPE**  **ALTER TYPE** [schema.]type  {[compile\_type\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#compile_type_clause) | [replace\_type\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#replace_type_clause) | {[alter\_method\_spec](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#alter_method_spec) | [alter\_attribute\_definition](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#alter_attribute_definition) | [alter\_collection\_clauses](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#alter_collection_clauses) | [NOT] {INSTANTIABLE | FINAL}} [[dependent\_handling\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#dependent_handling_clause)]};   Right Click to go back. |
| **ALTER USER**  **ALTER USER** {user {IDENTIFIED {BY password [REPLACE old\_password] | EXTERNALLY | GLOBALLY AS ‘external\_name’} | DEFAULT TABLESPACE tablespace | TEMPORARY TABLESPACE {tablespace | [tablespace\_group\_name](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#tablespace_group_clause)} | QUOTA {[integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer) [ K | M ] | UNLIMITED } ON tablespace … | PROFILE profile | DEFAULT ROLE {role, … | ALL [ EXCEPT role, … | NONE } | PASSWORD EXPIRE | ACCOUNT { LOCK | UNLOCK}} … [proxy\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#proxy_clause);   Right Click to go back. |
| **ALTER VIEW**  **ALTER VIEW** [schema.]view  {ADD [out\_of\_line\_constraint](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#out_of_line_constraint) | MODIFY CONSTRAINT constraint {RELY | NORELY} | DROP {CONSTRAINT constraint | PRIMARY KEY | UNIQUE (column, …) | COMPILE};   Right Click to go back. |
| **ANALYZE**  **ANALYZE** {TABLE [schema.]table  [PARTITION (partition) | SUBPARTITION (subpartition)] | INDEX [schema.]index [PARTITION (partition) | SUBPARTITION (subpartition)] | CLUSTER [schema.]cluster}{[validation\_clauses](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#validation_clauses) | LIST CHAINED ROWS [[into\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#into_clause)] | DELETE [SYSTEM] STATISTICS | [compute\_statistics\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#compute_statistics_clause) | [estimate\_statistics\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#estimate_statistics_clause)};   Right Click to go back. |
| **ASSOCIATE STATISTICS WITH**  **ASSOCIATE STATISTICS WITH** {[column\_association](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#column_association) | [function\_association](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#function_association)};   Right Click to go back. |
| **AUDIT**  AUDIT {[sql\_statement\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#sql_statement_clause) | [schema\_object\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#schema_object_clause)} [BY{SESSION | ACCESS}] [WHENEVER [NOT] SUCCESSFUL];   Right Click to go back. |
| **CALL**  **CALL** {[routine\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#routine_clause) | object\_access\_expression}[INTO :host\_variable [[INDICATOR] :indicator\_variable]];   Right Click to go back. |
| **COMMENT ON**  **COMMENT ON** {TABLE [schema.]{table | view} | COLUMN [schema.]{table. | view. | materialized\_view.}column | OPERATOR [schema.] operator | INDEXTYPE [schema.]indextype | MATERIALIZED VIEW materialized\_view} IS ‘[text](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#text)’;   Right Click to go back. |
| **COMMIT**  **COMMIT** [WORK] [COMMENT ‘[text](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#text)’ | FORCE ‘[text](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#text)’ [,[integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer)]];   Right Click to go back. |
| **CREATE CLUSTER**  **CREATE CLUSTER** [schema.]cluster  (column datatype [SORT], …) [{[physical\_attributes\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#physical_attributes_clause) | SIZE [size\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#size_clause) | TABLESPACE tablespace | {INDEX | [SINGLE TABLE] HASHKEYS [integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer) [HASH is [expr](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#expr)]}}]…  [[parallel\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#parallel_clause)] [NOROWDEPENDENCIES | ROWDEPENDENCIES] [CACHE | NOCACHE];   Right Click to go back. |
| **CREATE CONTEXT**  **CREATE OR REPLACE CONTEXT** namespace  USING [schema.]package [INITIALIZED {EXTERNALLY | GLOBALLY} | ACCESSED GLOBALLY];   Right Click to go back. |
| **CREATE CONTROLFILE**  **CREATE CONTROLFILE** [REUSE] [SET] DATABASE database [[logfile\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#logfile_clause)] {RESETLOGS | NORESETLOGS} [DATAFILE [file\_specification](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#file_specification), [file\_specification](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#file_specification), …] [{MAXLOGFILES [integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer) | MAXLOGMEMBERS [integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer) | MAXLOGHISTORY [integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer) | MAXDATAFILES [integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer) | {ARCHIVELOG | NOARCHIVELOG} | FORCE LOGGING}…] [[character\_set\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#character_set_clause)];   Right Click to go back. |
| **CREATE DATABASE**  **CREATE DATABASE** [database]  {USER SYS IDENTIFIED BY password | USER SYSTEM IDENTIFIED BY password | CONTROLFILE REUSE | MAXDATAFILES [integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer) | MAXINSTANCES [integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer) | CHARACTER SET charset | NATIONAL CHARACTER SET charset | SET DEFAULT {BIGFILE | SMALLFILE} TABLESPACE | [database\_logging\_clauses](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#database_logging_clauses) | [tablespace\_clauses](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#tablespace_clauses) | [set\_time\_zone\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#set_time_zone_clause)}…;   Right Click to go back. |
| **CREATE DATABASE LINK**  **CREATE [SHARED] [PUBLIC] DATABASE LINK** [dblink](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#dblink)  [CONNECT TO {CURRENT\_USER | user IDENTIFIED BY password [[dblink\_authentication](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#dblink_authentication)]} | [dblink\_authentication](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#dblink_authentication) ] [USING ‘connect\_string’];   Right Click to go back. |
| **CREATE DIMENSION**  **CREATE DIMENSION** [schema.]dimension [level\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#level_clause) … {[hierarchy\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#hierarchy_clause) | [attribute\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#attribute_clause) | [extended\_attribute\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#extended_attribute_clause)}…;   Right Click to go back. |
| **CREATE DIRECTORY**  **CREATE [OR REPLACE] DIRECTORY** directory AS ‘path\_name’;   Right Click to go back. |
| **CREATE DISKGROUP**  **CREATE DISKGROUP** diskgroup\_name  [{HIGH | NORMAL | EXTERNAL} REDUNDANCY]  [FAILGROUP failgroup\_name] DISK [qualified\_disk\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#qualified_disk_clause), …  [FAILGROUP failgroup\_name] DISK [qualified\_disk\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#qualified_disk_clause), …;   Right Click to go back. |
| **CREATE FUNCTION**  **CREATE [OR REPLACE] FUNCTION** [schema.]function  [(argument [IN | OUT | IN OUT] [NOCOPY] datatype, argument…)]  RETURN datatype [{[invoker\_rights\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#invoker_rigths_clause) | DETERMINISTIC | [parallel\_enable\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#parallel_enable_clause)}…  {{AGGREGATE | PIPELINED} USING [schema.]implementation\_type | [PIPELINED] {IS | AS} {pl/sql\_function\_body | [call\_spec](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#call_spec)}};   Right Click to go back. |
| **CREATE INDEX**  **CREATE [UNIQUE | BITMAP] INDEX** [schema.]index  ON {[cluster\_index\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#clauster_index_clause) | [table\_index\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#table_index_clause) | [bitmap\_join\_index\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#bitmap_join_index_clause)};   Right Click to go back. |
| **CREATE INDEXTYPE**  **CREATE [OR REPLACE] INDEXTYPE** [schema.]indextype  FOR [[schema.]operator (parameter\_type,…),] … [using\_type\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#using_type_clause);   Right Click to go back. |
| **CREATE JAVA**  **CREATE [OR REPLACE] [AND {RESOLVE | COMPILE}][NOFORCE]**  **JAVA** {{SOURCE | RESOURCE} NAMED [schema.]primary\_name | CLASS [SCHEMA schema]} [[invoker\_rights\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#invoker_rigths_clause)][RESOLVER ((match\_string[,]{schema\_name | -})[((match\_string[,]{schema\_name | -})]…]  {USING {BFILE (directory\_object\_name, server\_file\_name) | {CLOB | BLOB | BFILE} [subquery](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#subquery) | ‘key\_for\_BLOB’} | AS source\_text};   Right Click to go back. |
| **CREATE LIBRARY**  **CREATE [OR REPLACE] LIBRARY** [schema.]library  {IS | AS} ‘filename’ [AGENT ‘agent\_dblink’];   Right Click to go back. |
| **CREATE MATERIALIZED VIEW**  **CREATE MATERIALIZED VIEW** [schema.]materialized\_view  [OF [schema.]object\_type] [([scoped\_table\_ref\_constraint](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#scoped_table_ref_constraint))]{ON PREBUILT TABLE [{WITH | WITHOUT} REDUCED PRECISION] | [physical\_properties](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#physical_properties) [materialized\_view\_props](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#materialized_view_props)} [USING INDEX [[physical\_attributes\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#physical_attributes_clause) | TABLESPACE tablespace]… | USING NO INDEX] [[create\_mv\_refresh](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#create_mv_refresh)] [FOR UPDATE] [{DISABLE | ENABLE} QUERY REWRITE] AS [subquery](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#subquery);   Right Click to go back. |
| **CREATE MATERIALIZED VIEW LOG**  **CREATE MATERIALIZED VIEW LOG** ON [schema.]table  [[physical\_attributes\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#physical_attributes_clause) | TABLESPACE tablespace | [logging\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#logging_clause) | {CACHE | NOCACHE}]…][[parallel\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#parallel_clause)][[table\_partitioning\_clauses](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#table_partitioning_clauses)][WITH {OBJECT ID |PRIMARY KEY | ROWID | SEQUENCE | (column [, column]…)}…  [[new\_values\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#new_values_clause)]];   Right Click to go back. |
| **CREATE OPERATOR**  **CREATE [OR REPLACE] OPERATOR** [schema.]operator [binding\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#binding_clause);   Right Click to go back. |
| **CREATE OUTLINE**  **CREATE [OR REPLACE] [PUBLIC | PRIVATE] OUTLINE** [outline] [FROM [PUBLIC | PRIVATE] source\_outline][FOR CATEGORY category] [ON statement];   Right Click to go back. |
| **CREATE PACKAGE**  **CREATE [OR REPLACE] PACKAGE** [schema.]package  [[invoker\_rights\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#invoker_rigths_clause)]  {IS | AS} pl/sql\_package\_spec;   Right Click to go back. |
| **CREATE PACKAGE BODY**  **CREATE [OR REPLACE] PACKAGE BODY** [schema.]package  {IS | AS} pl/sql\_package\_body;   Right Click to go back. |
| **CREATE PFILE**  **CREATE PFILE** [= ‘pfile\_name’] FROM SPFILE [= ‘spfile\_name’];   Right Click to go back. |
| **CREATE PROCEDURE**  **CREATE [OR REPLACE] PROCEDURE** [schema.]procedure  [(argument [IN | OUT | IN OUT] [NOCOPY] datatype [, argument …] …)]  [[invoker\_rights\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#invoker_rigths_clause)] {IS | AS} {pl/sql\_subprogram\_body | call\_spec};   Right Click to go back. |
| **CREATE PROFILE**  **CREATE PROFILE** profile LIMIT  {[resource\_parameters](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#resource_parameters) | [password\_parameters](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#password_parameters)}…;   Right Click to go back. |
| **CREATE ROLE**  **CREATE ROLE** role [NOT IDENTIFIED | IDENTIFIED {BY password | USING [schema.]package | EXTERNALLY | GLOBALLY}];   Right Click to go back. |
| **CREATE ROLLBACK SEGMENT**  **CREATE [PUBLIC] ROLLBACK SEGMENT** rollback\_segment [{TABLESPACE tablespace | [storage\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#storage_clause)}…];   Right Click to go back. |
| **CREATE SCHEMA AUTHORIZATION**  **CREATE SCHEMA AUTHORIZATION** schema {create\_table\_statement | create\_view\_statement | grant\_statement}…;   Right Click to go back. |
| **CREATE SEQUENCE**  **CREATE SEQUENCE** [schema.]sequence  [INCREMENT BY  [integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer) | START WITH [integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer) | {MAXVALUE [integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer) | NOMAXVALUE} | {MINVALUE [integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer) | NOMINVALUE} | {CYCLE | NOCYCL} | {ORDER | NOORDER}]…;   Right Click to go back. |
| **CREATE SPFILE**  **CREATE SPFILE** [=’spfile\_name’] FROM PFILE [=’pfile\_name’;   Right Click to go back. |
| **CREATE SYNONYM**  **CREATE [OR REPLACE] [PUBLIC] SYNONYM** [schema.]synonym  FOR [schema.]object[@[dblink](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#dblink)];   Right Click to go back. |
| **CREATE TABLE**  **CREATE [GLOBAL TEMPORARY] TABLE** [schema.]table  [([relational\_properties](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#relational_properties))]  [ON COMMIT {DELETE | PRESERVE} ROWS] [[physical\_properties](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#physical_properties)] [[table\_properties](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#table_properties)];   Right Click to go back. |
| **CREATE TABLESPACE**  **CREATE [BIGFILE | SMALLFILE]** {[permanent\_tablespace\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#permanent_tablespace_clause) | [temporary\_tablespace\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#temporary_tablespace_clause) | [undo\_tablespace\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#undo_tablesapce_clause)};   Right Click to go back. |
| **CREATE TRIGGER**  **CREATE [OR REPLACE] TRIGGER** [schema.]trigger  {BEFORE | AFTER | INSTEAD OF} {[dml\_event\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#dml_event_clause) | {ddl\_event [OR ddl\_event]…} ON {[schema.]SCHEMA | DATABASE}}[WHEN (condition)]  {pl/sql\_block | call\_procedure\_statement};   Right Click to go back. |
| **CREATE TYPE**  {[create\_incomplete\_type](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#create_incomplete_type) | [create\_object\_type](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#create_object_type) | [create\_varray\_type](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#create_varray_type) | [create\_nested\_table\_type](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#create_nested_table_type)}   Right Click to go back. |
| **CREATE TYPE BODY**  **CREATE [OR REPLACE] TYPE BODY** [schema.]type\_name  {IS | AS} {[subprogram\_declaration](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#subprogram_declaration) | [map\_order\_func\_declaration](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#map_order_func_declaration)}  [;{[subprogram\_declaration](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm" \l "subprogram_declaration) | [map\_order\_func\_declaration](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#map_order_func_declaration)}]…  END;   Right Click to go back. |
| **CREATE USER**  **CREATE USER** user IDENTIFIED {BY password | EXTERNALLY | GLOBALLY AS ‘external\_name’}[DEFAULT TABLESPACE tablespace | TEMPORARY TABLESPACE {tablespace | tablespace\_group} | QUOTA {[integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer) [K|M] | UNLIMITED } ON tablespace… | PROFILE profile | PASSWORD EXPIRE | ACCOUNT {LOCK | UNLOCK}]…;   Right Click to go back. |
| **CREATE VIEW**  **CREATE [OR REPLACE] [[NO] FORCE] VIEW** [schema.]view  [(alias[[inline\_constraint](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm" \l "inline_constraint)]…| [out\_of\_line\_constraint](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#out_of_line_constraint) [[inline\_constraint](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#inline_constraint)]…]…) | [object\_view\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#object_view_clause) | [XMLType\_view\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#XMLType_view_clause)] AS [subquery](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#subquery) [[subquery\_restriction\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#subquery_restriction_clause)];   Right Click to go back. |
| **DELETE**  **DELETE** [hint] [FROM] {[dml\_table\_expression\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#dml_table_expression_clause) | ONLY ([dml\_table\_expression\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#dml_table_expression_clause))}[t-alias][[where\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#where_clause)][[returning\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#returning_clause)];   Right Click to go back. |
| **DISASSOCIATE STATISTICS**  **DISASSOCIATE STATISTICS** FROM {COLUMNS [schema.]table.column, [[schema.]table.column]… | FUNCTIONS [schema.]function, [[schema.]function]… | PACKAGES [schema.]package, [[schema.]package]… | TYPES [schema.]type, [[schema.]type]… | INDEXES [schema.]index, [[schema.]index]… | INDEXTYPES [schema.]indextype, [[schema.]indextype]… } [FORCE];   Right Click to go back. |
| **DROP CLUSTER**  **DROP CLUSTER** [schema.]cluster  [INCLUDING TABLES [CASCADE CONSTRAINTS]];   Right Click to go back. |
| **DROP CONTEXT**  **DROP CONTEXT** namespace;   Right Click to go back. |
| **DROP DATABASE**  **DROP DATABASE**;   Right Click to go back. |
| **DROP DATABASE LINK**  **DROP [PUBLIC] DATABASE LINK** [dblink](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#dblink);   Right Click to go back. |
| **DROP DIMENSION**  **DROP DIMENSION** [schema.]dimension;   Right Click to go back. |
| **DROP DIRECTORY**  **DROP DIRECTORY** directory\_name;   Right Click to go back. |
| **DROP DISKGROUP**  **DROP DISKGROUP** diskgroup\_name  [{INCLUDING | EXCLUDING} CONTENTS];   Right Click to go back. |
| **DROP FUNCTION**  **DROP FUNCTION** [schema.]function\_name;   Right Click to go back. |
| **DROP INDEX**  **DROP INDEX** [schema.]index [FORCE];   Right Click to go back. |
| **DROP INDEXTYPE**  **DROP INDEXTYPE** [schema.]indextype [FORCE];   Right Click to go back. |
| **DROP JAVA**  **DROP JAVA** {SOURCE | CLASS | RESOURCE} [schema.]object\_name;   Right Click to go back. |
| **DROP LIBRARY**  **DROP LIBRARY** library\_name;   Right Click to go back. |
| **DROP MATERIALIZED VIEW**  **DROP MATERIALIZED VIEW** [schema.]materialized\_view  [PRESERVE TABLE];   Right Click to go back. |
| **DROP MATERIALIZED VIEW LOG**  **DROP MATERIALIZED VIEW LOG** ON [schema.]table;   Right Click to go back. |
| **DROP OPERATOR**  **DROP OPERATOR** [schema.]operator [FORCE];   Right Click to go back. |
| **DROP OUTLINE**  **DROP OUTLINE** outline;   Right Click to go back. |
| **DROP PACKAGE**  **DROP PACKAGE** [BODY] [schema.]package;   Right Click to go back. |
| **DROP PROCEDURE**  **DROP PROCEDURE** [schema.]procedure;   Right Click to go back. |
| **DROP PROFILE**  **DROP PROFILE** profile [CASCADE];   Right Click to go back. |
| **DROP ROLE**  **DROP ROLE** role;   Right Click to go back. |
| **DROP ROLLBACK SEGMENT**  **DROP ROLLBACK SEGMENT** rollback\_segment;   Right Click to go back. |
| **DROP SEQUENCE**  **DROP SEQUENCE** [schema.]sequence\_name;   Right Click to go back. |
| **DROP SYNONYM**  **DROP [PUBLIC] SYNONYM** [schema.]synonym [FORCE];   Right Click to go back. |
| **DROP TABLESPACE**  **DROP TABLESPACE** tablespace\_name  [INCLUDING CONTENTS [ AND DATAFILES] [CASCADE CONSTRAINTS]];   Right Click to go back. |
| **DROP TRIGGER**  **DROP TRIGGER** [schema.]trigger\_name;   Right Click to go back. |
| **DROP TYPE**  **DROP TYPE** [schema.]type\_name [FORCE | VALIDATE];   Right Click to go back. |
| **DROP TYPE BODY**  **DROP TYPE BODY** [schema.]type\_name;   Right Click to go back. |
| **DROP USER**  **DROP USER** user [CASCADE];   Right Click to go back. |
| **DROP VIEW**  **DROP VIEW** [schema.]view [CASCADE CONSTRAINTS];   Right Click to go back. |
| **EXPLAIN PLAN**  **EXPLAIN PLAN**  [SET STATEMENT\_ID = ‘[text](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#text)’]  [INTO [schema.]table[@[dblink](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#dblink)]] FOR sql\_statement;   Right Click to go back. |
| **FLASHBACK DATABASE**  **FLASHBACK [STANDBY] DATABASE** [database\_name]  {TO {SCN | TIMESTAMP} [expr](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#expr) | TO BEFORE {SCN | TIMESTAMP} [expr](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#expr)};   Right Click to go back. |
| **FLASHBACK TABLE**  **FLASHBACK TABLE** [schema.]table, [[schema.]table], … TO {{SCN TIMESTAMP} [expr](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#expr) [{ENABLE | DISABLE} TRIGGERS ] | BEFORE DROP [RENAME TO table] };   Right Click to go back. |
| **GRANT**  **GRANT** {[grant\_system\_privileges](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#grant_system_privileges) | [grant\_object\_privileges](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#grant_object_privileges)};   Right Click to go back. |
| **INSERT**  **INSERT** [hint] {[single\_table\_insert](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#single_table_insert) | [multi\_table\_insert](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#multi_table_insert)};   Right Click to go back. |
| **LOCK TABLE**  **LOCK TABLE** [schema.]{table | view}  [{PARTITION (partition) | SUBPARTITION (subpartition)} | @[dblink](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#dblink)]…  IN lockmode MODE [NOWAIT];   Right Click to go back. |
| **MERGE**  **MERGE** [hint] INTO [schema.]table [t\_alias]  USING [schema.]{table | view | subquery} [t\_alias] ON (condition)  [[merge\_update\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#merge_update_clause)][[merge\_insert\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#merge_insert_clause)];   Right Click to go back. |
| **NOAUDIT**  {[sql\_statement\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#sql_statement_clause)… | [schema\_object\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#schema_object_clause)…}  [WHENEVER [NOT] SUCCESSFUL];   Right Click to go back. |
| **PURGE**  **PURGE** {{TABLE table | INDEX index} | {RECYCLEBIN | DBA\_RECYCLEBIN} | TABLESPACE tablespace [USER user]};   Right Click to go back. |
| **RENAME**  **RENAME** old\_name TO new\_name;   Right Click to go back. |
| **REVOKE**  **REVOKE** {[revoke\_system\_privileges](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#revoke_system_privileges) | [revoke\_object\_privileges](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#revoke_object_privileges)};   Right Click to go back. |
| **ROLLBACK**  **ROLLBACK** [WORK] [TO [SAVEPOINT] savepoint | FORCE ‘[text](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#text)’];   Right Click to go back. |
| **SAVEPOINT**  **SAVEPOINT** savepoint;   Right Click to go back. |
| **SELECT**  Subquery [[for\_update\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#for_update_clause)];   Right Click to go back. |
| **SET CONSTRAINT[S]**  **SET {CONSTRAINT | CONSTRAINTS}**  {constraint,… | ALL} {IMMEDIATE | DEFERRED};   Right Click to go back. |
| **SET ROLE**  **SET ROLE** {role [IDENTIFIED BY password]}… | ALL [EXCEPT role,…] | NONE;   Right Click to go back. |
| **SET TRANSACTION**  **SET TRANSACTION** {{READ {ONLY | WRITE} | ISOLATION LEVEL {SERIALIZABLE | READ COMMITTED} | USE ROLLBACK SEGMENT rollback\_segment} [NAME ‘[text](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#text)’] | NAME ‘[text](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#text)’};   Right Click to go back. |
| **TRUNCATE**  **TRUNCATE** {TABLE [schema.]table [{PRESERVE | PURGE} MATERIALIZED VIEW LOG] | CLUSTER [schema.]cluster} [{DROP | REUSE} STORAGE];   Right Click to go back. |
| **UPDATE**  **UPDATE** [hint] {[dml\_table\_expression\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#dml_table_expression_clause) | ONLY ([dml\_table\_expression\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#dml_table_expression_clause))} [t\_alias] [update\_set\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#update_set_clause) [[where\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#where_clause)][[returning\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#returning_clause)];   Right Click to go back. |

**[****activite\_standby\_db\_clause]**

ACTIVATE [PHYSICAL | LOGICAL] STANDBY DATABASE [SKIP [STANDBY LOGFILE]]

 Right Click to go back.

**[****add\_binding\_clause]**

ADD BINDING (parameter\_type,…) RETURN (return\_type) [[implementation\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#implementation_clause)] [using\_function\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#using_function_clause)

 Right Click to go back.

**[****add\_column\_clause]**

ADD (column datatype [DEFAULT [expr](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#expr)][{[inline\_constraint](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#inline_constraint)… | [inline\_ref\_constraint](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#inline_ref_constraint)…}),… [[column\_properties](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#column_properties)]

 Right Click to go back.

**[****add\_disk\_clause]**

ADD [[FAILGROUP failgroup\_name] DISK [qualified\_disk\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#qualified_disk_clause),…]…

 Right Click to go back.

**[****add\_hash\_index\_partition]**

ADD PARTITION [partition\_name][TABLESPACE tablespace\_name][[parallel\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#parallel_clause)]

 Right Click to go back.

**[****add\_hash\_partition\_clause]**

ADD PARTITION [partition] [partitioning\_storage\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#partitioning_storage_clause) [[update\_index\_clauses](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#update_index_clauses)] [[parallel\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#parallel_clause)]

 Right Click to go back.

**[****add\_hash\_subpartition]**

ADD subpartition\_spec [[update\_index\_clauses](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#update_index_clauses)][[parallel\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm" \l "parallel_clause)]

 Right Click to go back.

**[****add\_list\_partition\_clause]**

ADD PARTITION [partition] [list\_values\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#list_values_clause) [[table\_partition\_description](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#table_partition_description)] [[update\_index\_clauses](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#update_index_clauses)]

 Right Click to go back.

**[****add\_list\_subpartition]**

ADD [subpartition\_spec](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#subpartition_spec) [[update\_index\_clauses](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#update_index_clauses)]

 Right Click to go back.

**[****add\_logfile\_clauses]**

ADD [STANDBY] LOGFILE {[INSTANCE ‘instance\_name’ | THREAD [integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer)]

[[GROUP [integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer)] [redo\_log\_file\_spec](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#redo_log_file_spec)],… | [MEMBER ‘filename’ [REUSE]],… TO [logfile\_descriptor](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#logfile_descriptor),…}

 Right Click to go back.

**[****add\_overflow\_clause]**

ADD OVERFLOW [[segment\_attributes\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#segment_attributes_clause)] [(PARTITION [[segment\_attributes\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#segment_attributes_clause)], PARTITION…]…)]

 Right Click to go back.

**[****add\_range\_partition\_clause]**

ADD PARTITION [partition] [range\_values\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#range_values_clause) [[table\_partition\_description](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#table_partition_description)] [[update\_index\_clauses](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#update_index_clauses)]

 Right Click to go back.

**[****add\_table\_partition]**

{[add\_range\_partition\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#add_range_partition_clause) | [add\_hash\_partition\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#add_hash_partition_clause) | [add\_list\_parition\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#add_list_partition_clause)}

 Right Click to go back.

**[****alias\_file\_name]**

+diskgroup [(template\_name)] /alias\_name

 Right Click to go back.

**[****allocate\_extent\_clause]**

ALLOCATE EXTENT ({SIZE [size\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#size_clause) | DATAFILE ‘filename’ | INSTANCE [integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer)}…)

 Right Click to go back.

**[****alter\_attribute\_definition]**

{ADD | MODIFY} ATTRIBUTE ({attribute [datatype]},…) | DROP ATTRIBUTE (attribute,…)

 Right Click to go back.

**[****alter\_collection\_clauses]**

MODIFY {LIMIT [integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer) | ELEMENT TYPE datatype}

 Right Click to go back.

**[****alter\_datafile\_clause]**

DATAFILE {‘filename’ | filenumber},… {ONLINE | OFFLINE [FOR DROP] | RESIZE [size\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#size_clause) | [autoextend\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#autoextend_clause) | END BACKUP}

 Right Click to go back.

**[****alter\_external\_table\_clauses]**

{[add\_column\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#add_column_clause) | [modify\_column\_clauses](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#modify_column_clauses) | [drop\_column\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#drop_column_clause) | [parallel\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#parallel_clause) | [external\_data\_properties](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#external_data_properties]) | REJECT LIMIT {[integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer) | UNLIMITED} | PROJECT COLUMN {ALL | REFERENCED}}…

 Right Click to go back.

**[****alter\_index\_partitioning]**

{[modify\_index\_default\_attrs](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#modify_index_default_attrs) | [add\_hash\_index\_partition](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#add_hash_index_partition) | [modify\_index\_partition](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#modify_index_partition) | [rename\_index\_partition](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#rename_index_partition) | [drop\_index\_partition](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#drop_index_partition) | [split\_index\_partition](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#split_index_partition) | [coalesce\_index\_partition](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#coalesce_index_partition) | [modify\_index\_subpartition](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#modify_index_subpartition)}

 Right Click to go back.

**[****alter\_iot\_clauses]**

{[index\_org\_table\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#index_org_table_clause) | [alter\_overflow\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#alter_overflow_clause) | [alter\_mapping\_table\_clauses](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#alter_mapping_table_clauses) | COALESCE}

 Right Click to go back.

**[****alter\_mapping\_table\_clauses]**

MAPPING TABLE {UPDATE BLOCK REFERENCES | [allocate\_extent\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#allocate_extent_clause) | [deallocate\_unused\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#deallocate_unused_clause)}

 Right Click to go back.

**[****alter\_method\_spec]**

[{ADD | DROP}{[map\_order\_function\_spec](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm" \l "map_order_function_spec) | [subprogram\_spec](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#subprogram_spec)}]…

 Right Click to go back.

**[****alter\_mv\_refresh]**

REFRESH {{FAST | COMPLETE | FORCE} | ON {DEMAND | COMMIT}| {START WITH | NEXT} date | WITH PRIMARY KEY | USING {DEFAULT MASTER ROLLBACK SEGMENT | MASTER ROLLBACK SEGMENT rollback\_segment} | USING {ENFORCED | TRUSTED} CONSTRAINTS}

 Right Click to go back.

**[****alter\_overflow\_clause]**

{OVERFLOW {[allocate\_extent\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#allocate_extent_clause) | [deallocate\_unused\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#deallocate_unused_clause)}… | [add\_overflow\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#add_overflow_clause)}

 Right Click to go back.

**[****alter\_session\_set\_clause]**

SET <parameter\_name = parameter\_value> …

 Right Click to go back.

**[****alter\_system\_reset\_clause]**

parameter\_name [SCOPE = {MEMORY | SPFILE | BOTH}] SID = ‘sid’

 Right Click to go back.

**[****alter\_system\_set\_clause]**

parameter\_name = parameter\_value, … [COMMENT ‘text’] [DEFERRED] [SCOPE = {MEMORY | SPFILE | BOTH}] [SID = {‘sid’ | \*}]

 Right Click to go back.

**[****alter\_table\_partitioning]**

{ [modify\_table\_default\_attrs](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#modify_table_default_attrs) | [set\_subpartition\_template](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#set_subpartition_template) | [modify\_table\_partition](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#merge_table_partitions) | [modify\_table\_subpartition](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#modify_table_subpartition) | [move\_table\_partition](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#move_table_partition) | [move\_table\_subpartition](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#move_table_subpartition) | [add\_table\_partition](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#add_table_partition) | [coalesce\_table\_partition](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#coalesce_table_partition) | [drop\_table\_partition](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#drop_table_partition) | [drop\_table\_subpartition](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#drop_table_subpartition) | [rename\_partition\_subpart](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#rename_partition_subpart) | [truncate\_partition\_subpart](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#truncate_partition_subpart) | [split\_table\_partition](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#split_table_subpartition) | [split\_table\_subpartition](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#split_table_subpartition) | [merge\_table\_partitions](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#merge_table_partitions) | [merge\_table\_subpartitions](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#merge_table_subpartitions) | [exchange\_partition\_subpart](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#exchange_partition_subpart)}

 Right Click to go back.

**[****alter\_table\_properties]**

{[physical\_attributes\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#physical_attributes_clause) | [logging\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#logging_clause) | [table\_compression](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#table_compression) | [supplemental\_table\_logging](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#supplemental_table_logging) | [allocate\_extent\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#allocate_extent_clause) | [deallocate\_unused\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#deallocate_unused_clause) | [shrink\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#shrink_clause) | {CACHE | NOCACHE} | [upgrade\_table\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#upgrade_table_clause) | [records\_per\_block\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#records_per_block_clause) | [parallel\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#parallel_clause) | [row\_movement\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#row_movement_clause)}… | RENAME TO new\_table\_name} [[alter\_iot\_clauses](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#alter_iot_clauses)]

 Right Click to go back.

**[****alter\_tempfile\_clause]**

TEMPFILE {‘filename’,…}{RESIZE size\_clause | [autoextend\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#autoextend_clause) | DROP [INCLUDING DATAFILES] | ONLINE | OFFLINE}

 Right Click to go back.

**[****alter\_varray\_col\_properties]**

MODIFY VARRY varray\_item ([modify\_LOB\_parameters](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#modify_LOB_parameters))

 Right Click to go back.

**[****analytic\_clause]**

[[query\_partition\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#query_partition_clause)][[order\_by\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#order_by_clause) [[windowing\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#windowing_clause)]]

 Right Click to go back.

**[****archive\_log\_clause]**

ARCHIVE LOG [INSTANCE ‘instance\_name’ | THREAD [integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer)]

{{SEQUENCE [integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer) | CHANGE [integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer) | CURRENT [NOSWITCH] | GROUP [integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer) | LOGFILE ‘filename’ [USING BACKUP CONTROLFILE] | NEXT | ALL | START} [TO ‘location’] | STOP}

 Right Click to go back.

**[****array\_DML\_clause]**

[WITH | WITHOUT] ARRAY DML [(schema.]type, [schema].varray\_type),…]

 Right Click to go back.

**[****attribute\_clause]**

ATTRIBUTE level DETERMINES (dependent\_column,…)

 Right Click to go back.

**[****auditing\_by\_clause]**

BY proxy,… | user,…

 Right Click to go back.

**[****auditing\_on\_clause]**

ON [schema.]object | DIRECTORY directory\_name | DEFAULT

 Right Click to go back.

**[****autoextend\_clause]**

AUTOEXTEND OFF | ON [NEXT [size\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#size_clause)] [[maxsize\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#maxsize_clause)]

 Right Click to go back.

**[****binding\_clause]**

BINDING [(parameter\_type,…) RETURN return\_type [[implementation\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#implementation_clause)] [using\_function\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#using_function_clause)],…

 Right Click to go back.

**[****bitmap\_join\_index\_clause]**

[schema.]table (column [ASC | DESC], column…) FROM [table [t\_alias]],… WHERE condition [[local\_partitioned\_index](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#local_partitioned_index)] [index\_attributes](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#index_attributes)

 Right Click to go back.

**[****build\_clause]**

BUILD {IMMEDIATE | DEFERRED}

 Right Click to go back.

**[****c\_declaration]**

C [NAME name] LIBRARY lib\_name [AGENT IN (argument,…)] [WITH CONTEXT] [PARAMETERS (parameter,…)]

 Right Click to go back.

**[****call\_spec]**

LANGUAGE {[java\_declaration](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#java_declaration) | [c\_declaration](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#c_declaration)}

 Right Click to go back.

**[****cancel\_clause]**

CANCEL [IMMEDIATE] [WAIT | NOWAIT]

 Right Click to go back.

**[****cell\_assignment]**

measure\_column {condition | [expr](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#expr) | [single\_column\_for\_loop](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#single_column_for_loop)},… | [multi\_column\_for\_loop](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#multi_column_for_loop)

 Right Click to go back.

**[****cell\_reference\_options]**

[{IGNORE | KEEP} NAV] [UNIQUE {DIMENSION | SINGLE REFERENCE}]

 Right Click to go back.

**[****character\_set\_clause]**

CHARACTER SET character\_set

 Right Click to go back.

**[****check\_datafiles\_clause]**

CHECK DATAFILES [GLOBAL | LOCAL]

 Right Click to go back.

**[****check\_diskgroup\_clauses]**

{CHECK ALL | DISK disk\_name, … | DISKS IN FAILGROUP failgroup\_name, … | FILE filename, …}… [REPAIR | NOREPAIR]

 Right Click to go back.

**[****checkpoint\_clause]**

CHECKPOINT [GLOBAL | LOCAL]

 Right Click to go back.

**[****clauster\_index\_clause]**

CLUSTER [schema.]cluster [index\_attributes](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#index_attributes)

 Right Click to go back.

**[****coalesce\_index\_partition]**

COALESCE PARTITION [[parallel\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#parallel_clause)]

 Right Click to go back.

**[****coalesce\_table\_partition]**

COALESCE PARTITION [[update\_index\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#update_index_clauses)] [[parallel\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#parallel_clause)]

 Right Click to go back.

**[****column\_association]**

COLUMNS [schema.]table.column, … [using\_statististics\_type](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#using_statistics_type)

 Right Click to go back.

**[****column\_clauses]**

{[add\_column\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#add_column_clause) | [modify\_column\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#modify_column_clauses) | [drop\_column\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#drop_column_clause)}… |  [rename\_column\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#rename_column_clause) | [modify\_collection\_retrieval](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#modify_collection_retrieval) … | [modify\_LOB\_storage\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#modify_LOB_storage_clause) | [alter\_varray\_col\_properties](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#alter_varray_col_properties)

 Right Click to go back.

**[****column\_properties]**

{[object\_type\_col\_properties](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#object_type_col_properties) | [nested\_table\_col\_properties](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#nested_table_col_properties) | {[varray\_col\_properties](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#varrary_col_properties) | [LOB\_storage\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#LOB_storage_clause)} ([[LOB\_partition\_storage](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#LOB_partition_storage)],…) | [XMLType\_column\_properties](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#XMLType_column_properties)}…

 Right Click to go back.

**[****commit\_switchover\_clause]**

{PREPARE | COMMIT} TO SWITCHOVER [ TO {{PHYSICAL STANDBY [{WITH | WITHOUT} SESSION SHUTDOWN {WAIT | NOWAIT}] | LOGICAL STANDBY} | CANCEL]

 Right Click to go back.

**[****compile\_type\_clause]**

COMPILE [DEBUG] [SPECIFICATION | BODY] [[compiler\_parameters\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#compiler_parameters_clause)…] [REUSE SETTINGS]

 Right Click to go back.

**[****compiler\_parameters\_clause]**

parameter\_name = parameter\_value

 Right Click to go back.

**[****composite\_partitioning]**

PARTITION BY RANGE (column\_list) [[subpartition\_by\_list](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#subpartition_by_list) | [subpartition\_by\_hash](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#subpartition_by_hash)] [(PARTITION [partition] [range\_values\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#range_values_clause) [table\_partition\_description](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#table_partition_description)],…)

 Right Click to go back.

**[****compute\_statistics\_clause]**

COMPUTE [SYSTEM] STATISTICS [[for\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#for_clause)]

 Right Click to go back.

**[****conditional\_insert\_clause]**

[ALL | FIRST] [WHEN condition

THEN [[insert\_into\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#insert_into_clause) [[values\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#values_clause)] [error\_logging\_clause]]…]…

ELSE [[insert\_into\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#insert_into_clause) [[values\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#values_clause)] [error\_logging\_clause]]…]…

 Right Click to go back.

**[****constraint]**

{[inline\_constraint](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#inline_constraint) | [out\_of\_line\_constraint](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#out_of_line_constraint) | [inline\_ref\_constraint](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#inline_ref_constraint) | [out\_of\_line\_ref\_constraint](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#out_of_line_ref_constraint)}

 Right Click to go back.

**[****constraint\_clauses]**

{ADD {[out\_of\_line\_constraint](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#out_of_line_constraint)… | [out\_of\_line\_ref\_constraint](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#out_of_line_ref_constraint)} | MODIFY {CONSTRAINT constraint | PRIMARY KEY | UNIQUE (column,…)} [constraint\_state](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#constraint_state) | RENAME CONSTRAINT old\_name TO new\_name | [drop\_constraint\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#drop_constraint_clause)}

 Right Click to go back.

**[****constraint\_state]**

[[NOT] DEFERRABLE] [INITIALLY {IMMEDIATE | DEFERRED}] [RELY | NORELY] [[using\_index\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#using_index_clause)] [ENABLE | DISABLE] [VALIDATE | NOVALIDATE] [[exceptions\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#exceptions_clause)]

 Right Click to go back.

**[****constructor\_declaration]**

[FINAL] [INSTANTIABLE] CONSTRUCTOR FUNCTION datatype [[SELF IN OUT datatype, ] parameter,… RETURN SELF AS RESULT {IS | AS} {pl/sql\_block | [call\_spec](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#call_spec)}

 Right Click to go back.

**[****constractor\_spec]**

[FINAL] [INSTANTIABLE] CONSTRUCTOR FUNCTION datatype [[SELF IN OUT datatype, ] parameter,… RETURN SELF AS RESULT [{IS | AS} [call\_spec](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#call_spec)]

 Right Click to go back.

**[****context\_clause]**

[WITH INDEX CONTEXT, SCAN CONTEXT implementation\_type [COMPUTE ANCILLARY DATA]][WITH COLUMN CONTEXT]

 Right Click to go back.

**[****controlfile\_clauses]**

{CREATE [ LOGICAL |  PHYSICAL ] STANDBY CONTROLFILE AS ‘filename’ [RENAME] | BACKUP CONTROLFILE TO {‘filename’ [REUSE] | [trace\_file\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#trace_file_clause)} }

 Right Click to go back.

**[****create\_datafile\_clause]**

CREATE DATAFILE {‘filename’ | filenumber}… [AS {[file\_specification](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#file_specification), … | NEW}]

 Right Click to go back.

**[****create\_incomplete\_type]**

CREATE [OR REPLACE] TYPE [schema.]type\_name;

 Right Click to go back.

**[****create\_mv\_refresh]**

{REFRESH {{FAST | COMPLETE | FORCE} | ON {DEMAND | COMMIT} | {START WITH | NEXT} date | WITH {PRIMARY KEY | ROWID} | USING {DEFAULT [MASTER | LOCAL] ROLLBACK SEGMENT} | [DEFAULT [ MASTER | LOCAL] ROLLBACK SEGMENT rollback\_segment]… | USING {ENFORCED | TRUNCATED} CONSTRAINTS}… | NEVER REFRESH}

 Right Click to go back.

**[****create\_nested\_table\_type]**

CREATE [OR REPLACE] TYPE [schema.]type\_name [OID ‘object\_identifier’] {IS | AS} TABLE OF datatype;

 Right Click to go back.

**[****create\_object\_type]**

CREATE [OR REPLACE] TYPE [schema.]type\_name [OID ‘object\_identifier’][[invoker\_rights\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm" \l "invoker_rigths_clause)]{{IS | AS} OBJECT | UNDER [schema.]supertype} [[sqlj\_object\_type](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#sqlj_object_type)][(attribute datatype [[sqlj\_object\_type\_attr](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#sqlj_object_type_attr)][,attribute datatype [[sqlj\_object\_type\_attr](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#sqlj_object_type_attr)]… [,[element\_spec](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm" \l "element_spec)[, [element\_spec](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#element_spec)]…)][[NOT] FINAL] [[NOT]INSTANTIABLE];

 Right Click to go back.

**[****create\_varray\_type]**

CREATE [OR REPLACE] TYPE [schema.]type\_name [OID ‘object\_identifier’] {IS | AS} {VARRAY | VARYING ARRAY} (limit) OF datatype;

 Right Click to go back.

**[****database\_file\_clauses]**

{RENAME FILE ‘filename’,… TO ‘filename’ | [create\_datafile\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#create_datafile_clause) | [alter\_datafile\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#alter_datafile_clause) | [alter\_tempfile\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#alter_tempfile_clause)}

 Right Click to go back.

**[****database\_logging\_clauses]**

{LOGFILE [GROUP [integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer)] [file\_specification](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#file_specification), GROUP …

| MAXLOGFILES [integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer) | MAXLOGMEMBERS [integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer) | MAXLOGHISTORY [integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer) | {ARCHIVELOG | NOARCHIVELOG} | FORCE LOGGING}

 Right Click to go back.

**[****datafile\_tempfile\_clauses]**

{ADD {DATAFILE | TEMPFILE} [[file\_specification](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#file_specification),…] | RENAME DATAFILE ‘filename’,… TO ‘filename’,… | {DATAFILE | TEMPFILE}{ONLINE | OFFLINE}}

 Right Click to go back.

**[****datafile\_tempfile\_spec]**

[‘filename’][SIZE [size\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#size_clause)][REUSE][[autoextend\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#autoextend_clause)]

 Right Click to go back.

**[****dblink]**

database[.domain[.domain]…][@connect\_descriptor]

 Right Click to go back.

**[****dblink\_authentication]**

AUTHENTICATED BY user IDENTIFIED BY password

 Right Click to go back.

**[****deallocate\_unused\_clause]**

DEALLOCATE UNUSED [KEEP [size\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#size_clause)]

 Right Click to go back.

**[****default\_cost\_clause]**

DEFAULT COST (cpu\_cost, io\_cost, network\_cost)

 Right Click to go back.

**[****default\_selectivity\_clause]**

DEFAULT SELECTIVITY default\_selectivity

 Right Click to go back.

**[****default\_tablespace]**

DEFAULT TABLESPACE tablespace [DATAFILE [datafile\_tempfile\_spec](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#datafile_tempfile_spec)] [extent\_management\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#extent_mangement_clause)

 Right Click to go back.

**[****default\_settings\_clauses]**

{SET DEFAULT {BIGFILE | SMALLFILE} TABLESPACE | DEFAULT TABLESPACE tablespace | DEFAULT TEMPORARY TABLESPACE {tablespace | tablespace\_group\_name} | RENAME GLOBAL\_NAME TO database.domain[.domain]… | {ENABLE BLOCK CHANGE TRACKING [USING FILE ‘filename’ [REUSE]] | DISABLE BLOCK CHANGE TRACKING} | [flashback\_mode\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#flashback_mode_clause) | [set\_time\_zone\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#set_time_zone_clause)}

 Right Click to go back.

**[****default\_temp\_tablespace]**

[BIGFILE | SMALLFILE] DEFAULT TEMPORARY TABLESPACE tablespace [TEMPFILE [file\_specification](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#file_specification),…] extent\_management\_clause

 Right Click to go back.

**[****dependent\_handling\_clause]**

{INVALIDATE | CASCADE [{[NOT] INCLUDING TABLE DATA | CONVERT TO SUBSTITUTABLE}][[FORCE] [exceptions\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#exceptions_clause)]}

 Right Click to go back.

**[****dimension\_join\_clause]**

JOIN KEY (child\_key\_column,…) REFERENCES parent\_level [JOIN KEY (child\_key\_column,…) REFERENCES…

 Right Click to go back.

**[****disk\_clauses]**

{diskgroup\_name {[add\_disk\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#add_disk_clause) | [drop\_disk\_clauses](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#drop_disk_clauses) | [resize\_disk\_clauses](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#resize_disk_clauses)} | {diskgroup\_name | ALL} [undrop\_disk\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#undrop_disk_clause)}

 Right Click to go back.

**[****diskgroup\_alias\_clauses]**

{ADD ALIAS alias\_name FOR filename, alias\_name… | DROP ALIAS aliase\_name,… | RENAME ALIAS old\_alias\_name TO new\_alias\_name, old\_...}

 Right Click to go back.

**[****diskgroup\_availability]**

{MOUNT | DISMOUNT [FORCE | NOFORCE]}

 Right Click to go back.

**[****diskgroup\_clauses]**

{diskgroup\_name {[rebalance\_diskgroup\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#rebalance_diskgroup_clause) | [check\_diskgroup\_clauses](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#check_diskgroup_clauses) | [diskgroup\_template\_clauses](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#diskgroup_template_clauses) | [diskgroup\_directory\_clauses](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#diskgroup_directory_clauses) | [diskgroup\_alias\_clauses](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#diskgroup_alias_clauses) | [drop\_diskgroup\_file\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#drop_diskgroup_file_clause)} | {diskgroup\_name | ALL} [diskgroup\_availability](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#diskgroup_availability)}

 Right Click to go back.

**[****diskgroup\_directory\_clauses]**

{ADD DIRECTORY filename,… | DROP DIRECTORY filename [FORCE | NOFORCE]]… | RENAME DIRECTORY old\_dir\_name TO new\_dir\_name, old\_dir\_name…

 Right Click to go back.

**[****diskgroup\_file\_spec]**

[‘{[fully\_qualified\_file\_name](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#fully_qualified_file_name) | [numeric\_file\_name](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#numeric_file_name) | incorporate\_file\_name | alias\_file\_name}’][SIZE [size\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#size_clause)][REUSE][[autoextend\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#autoextend_clause)]

 Right Click to go back.

**[****diskgroup\_template\_clauses]**

{{ADD | ALTER} TEMPLATE [qualified\_template\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#qualified_template_clause),… | DROP TEMPLATE template\_name,…}

 Right Click to go back.

**[****distributed\_recov\_clauses]**

{ENABLE | DISABLE} DISTRIBUTED RECOVERY

 Right Click to go back.

**[****dml\_event\_clause]**

{DELETE | INSERT | UPDATE [OF column,…]}OR {DELETE…}… ON {[schema.]table | [NESTED TABLE nested\_table\_column OF] [schema.]view} [[referencing\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#referencing_clause)][FOR EACH ROW]

 Right Click to go back.

**[****dml\_table\_expression\_clause]**

{[schema.]{table[{PARTITION (partition) | SUBPARTITION (subpartition)} |@dblink] | {view | materialized view}[@dblink]} | (subquery [subquery\_restriction\_clause]) | table\_collection\_exprression}

 Right Click to go back.

**[****domain\_index\_clause]**

INDEXTYPE IS indextype [parallel\_clause][PARAMETERS (ODCI\_parameters’)]

 Right Click to go back.

**[****drop\_binding\_clause]**

DROP BINDING (parameter\_type,…) [FORCE]

 Right Click to go back.

**[****drop\_column\_clause]**

{SET UNUSED {COLUMN (column,…)} [{CASCADE CONSTRAINTS | INVALIDATE} [CASCADE CONSTRAINTS | INVALIDATE]…] | DROP {COLUMN (column,…) ,…)} [{CASCADE CONSTRAINTS | INVALIDATE} [CASCADE CONSTRAINTS | INVALIDATE]…] [CHECKPOINT [integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer)] | DROP {UNUSED COLUMNS | COLUMNS CONTINUE} [CHECKPOINT [integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer)]}

 Right Click to go back.

**[****drop\_constraint\_clause]**

DROP {{PRIMARY KEY | UNIQUE (column,…)}[CASCADE][{KEEP | DROP} INDEX] | CONSTRAINT constraint [CASCADE]}

 Right Click to go back.

**[****drop\_disk\_clauses]**

DROP {DISK disk\_name[FORCE | NOFORCE], disk\_name… | DISKS IN FAILGROUP failgroup\_name [FORCE | NOFORCE], failgroup\_name…}

 Right Click to go back.

**[****drop\_diskgroup\_file\_clause]**

DROP FILE filename,…

 Right Click to go back.

**[****drop\_index\_partition]**

DROP PARTITION partition\_name

 Right Click to go back.

**[****drop\_logfile\_clauses]**

DROP [STANBY] LOGFILE {[logfile\_descriptor](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#logfile_descriptor), [logfile\_descriptor](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#logfile_descriptor),… | MEMBER ‘filename’,’filename’,…}

 Right Click to go back.

**[****drop\_table\_partition]**

DROP PARTITION partition [[update\_index\_clauses](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#update_index_clauses) [[parallel\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#parallel_clause)]]

 Right Click to go back.

**[****drop\_table\_subpartition]**

DROP SUBPARTITION subpartition [[update\_index\_clauses](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#update_index_clauses) [[parallel\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#parallel_clause)]]

 Right Click to go back.

**[****element\_spec]**

[[inheritance\_clauses](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#inheritance_clauses)]{[subprogram\_spec](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#subprogram_spec) | [constructor\_spec](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#constractor_spec) | [map\_order\_function\_spec](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#map_order_function_spec)}… [, [pragma\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#pragma_clause)]

 Right Click to go back.

**[****else\_clause]**

ELSE [else\_expr](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#expr)

 Right Click to go back.

**[****enable\_disable\_clause]**

{ENABLE | DISABLE} [VALIDATE | NOVALIDATE] {UNIQUE (column,…) | PRIMARY KEY | CONSTRAINT}[[using\_index\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#using_index_clause)][[exceptions\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#exceptions_clause)][CASCADE][{KEEP | DROP} INDEX]

 Right Click to go back.

**[****end\_session\_clauses]**

{DISCONNECT SESSION ‘[integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer)1,[integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm" \l "integer)2’ [POST\_TRANSACTION] | KILL SESSION ‘[integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer)1, [integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer)2’} [IMMEDIATE]

 Right Click to go back.

**[****estimate\_statistics\_clause]**

ESTIMATE [SYSTEM] STATISTICS [[for\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#for_clause)][SAMPLE [integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer) {ROWS | PERCENT}]

 Right Click to go back.

**[****exceptions\_clause]**

EXCEPTIONS INTO [schema.]table

 Right Click to go back.

**[****exchange\_partition\_subpart]**

EXCHANGE {PARTITION partition | SUBPARTITION subpartition} WITH TABLE table [{INCLUDING | EXCLUDING} INDEXES] [{WITH | WITHOUT} VALIDATION] [[exceptions\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#exceptions_clause)] [[update\_index\_clauses](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#update_index_clauses) [[parallel\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#parallel_clause)]]

 Right Click to go back.

**[****expr]**

{simple\_expression | compound\_expression | case\_expression | cursor\_expression | datetime\_expression | function\_expression | interval\_expression | object\_access\_expression | model\_expression | type\_constructor\_expression | variable\_expression}

 Right Click to go back.

**[****expression\_list]**

{([expr](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#expr),…)

 Right Click to go back.

**[****extended\_attribute\_clause]**

ATTRIBUTE attribute LEVEL level DETERMINES (dependent\_column,…) LEVEL…

 Right Click to go back.

**[****extent\_management\_clause]**

EXTENT MANAGEMENT {DICTIONARY | LOCAL [AUTOALLOCATE | UNIFORM [SIZE [size\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#size_clause)]]}

 Right Click to go back.

**[****external\_data\_properties]**

DEFAULT DIRECTORY directory [ACCESS PARAMETERS {(opaque\_format\_spec) | USING CLOB [subquery](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#subquery)}} LOCATION ([directory:]’location\_specifier’,[directory:]…)

 Right Click to go back.

**[****external\_table\_clause]**

([TYPE access\_driver\_type] [external\_data\_properties](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#external_data_properties]))[REJECT LIMIT {[integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer) | UNLIMITED}]

 Right Click to go back.

**[****file\_specification]**

{[datafile\_tempfile\_spec](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#datafile_tempfile_spec) | [diskgroup\_file\_spec](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#diskgroup_file_spec) | [redo\_log\_file\_spec](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#redo_log_file_spec)}

 Right Click to go back.

**[****finish\_clause]**

[DISCONNECT [FROM SESSION]] [[parallel\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#parallel_clause)] FINISH [SKIP [STANDBY LOGFILE]][WAIT | NOWAIT]

 Right Click to go back.

**[****flashback\_mode\_clause]**

FLASHBACK {ON | OFF}

 Right Click to go back.

**[****flashback\_query\_clause]**

[VERSIONS BETWEEN {SCN | TIMESTAMP} {[expr](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#expr) | MINVALUE} AND {[expr](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#expr) | MAXVALUE}] AS OF {SCN | TIMESTAMP} [expr](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#expr)

 Right Click to go back.

**[****for\_clause]**

{FOR {TABLE | ALL [INDEXED] COLUMNS [SIZE [integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer)] | COLUMNS [SIZE [integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer)] {column | attribute} [SIZE [integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer)]}… | ALL [LOCAL] INDEXES}…

 Right Click to go back.

**[****for\_update\_clause]**

FOR UPDATE [OF[[schema.]{table | view}.]column, [schema.]…

[NOWAIT | WAIT [integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer)]

 Right Click to go back.

**[****full\_database\_recovery]**

[STANDBY] DATABASE [{UNTIL {CANCEL | TIME date | CHANGE [integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer)} | USING BACKUP CONTROLFILE}…

 Right Click to go back.

**[****fully\_qualified\_file\_name]**

+diskgroup\_name/db\_name/file\_type/file\_type\_tag.filenumber.incarnation\_number

 Right Click to go back.

**[****function\_association]**

{FUNCTIONS [schema.]function, [schema.]… | PACKAGES [schema.]package, [schema.]… | TYPES [schema.]type, [schema.]… | INDEXES [schema.]index, [schema.]… | INDEXTYPES [schema.]indextype, [schema.]…} {[using\_statistics\_type](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#using_statistics_type) | {[default\_cost\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#default_cost_clause),[[default\_selectivity\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm" \l "default_selectivity_clause)]}}

 Right Click to go back.

**[****function\_declaration]**

FUNCTION name (parameter datatype, parameter…) RETURN datatype {IS | AS}{pl/sql\_block | [call\_spec](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#call_spec)}

 Right Click to go back.

**[****function\_spec]**

FUNCTION name (parameter datatype, parameter…) [return\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#return_clause)

 Right Click to go back.

**[****general\_recovery]**

RECOVER [AUTOMATIC][FROM ‘location’]{{[full\_database\_recovery](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#full_database_recovery) | [partial\_database\_recovery](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#partial_database_recovery) | LOGFILE ‘filename’}[{TEST | ALLOW [integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer) CORRUPTION | [parallel\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#parallel_clause)}… | CONTINUE [DEFAULT] | CANCEL}

 Right Click to go back.

**[****global\_partitioned\_index]**

GLOBAL PARTITION BY {RANGE (column\_list)([index\_partitioning\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm" \l "index_partitioning_clause)) | HASH (column\_list) {[individual\_hash\_partitions](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#individual_hash_paritions) | [hash\_partitions\_by\_quantity](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#hash_partitions_by_quantity)}}

 Right Click to go back.

**[****grant\_object\_privileges]**

{{object\_privilege | ALL [PRIVILEGES]}(column,…)},… [on\_object\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#on_object_clause) TO [grantee\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#grantee_clause) [WITH HIERARCHY OPTION][WITH GRANT OPTION]

 Right Click to go back.

**[****grant\_system\_privileges]**

{system\_privilege | role | ALL PRIVILEGES},… TO [grantee\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#grantee_clause) [IDENTIFIED BY password][WITH ADMIN OPTION]

 Right Click to go back.

**[****grantee\_clause]**

{user | role | PUBLIC},…

 Right Click to go back.

**[****group\_by\_clause]**

GROUP BY {[expr](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#expr) | [rollup\_cube\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#rollup_cube_clause) | [grouping\_sets\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#grouping_sets_clause)},… [HAVING condition]

 Right Click to go back.

**[****grouping\_expression\_list]**

[expression\_list](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#expression_list),…

 Right Click to go back.

**[****grouping\_sets\_clause]**

GROUPING SETS ({[rollup\_cube\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#rollup_cube_clause) | [grouping\_expression\_list](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#grouping_expression_list)})

 Right Click to go back.

**[****hash\_partitioning]**

PARTITION BY HASH (column,…) {[individual\_hash\_partitions](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#individual_hash_paritions) | [hash\_partitions\_by\_quantity](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#hash_partitions_by_quantity)}

 Right Click to go back.

**[****hash\_partitions\_by\_quantity]**

PARTITIONS [hash\_partitions\_by\_quantity](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#hash_partitions_by_quantity) [STORE IN (tablespace,…)] [OVERFLOW STORE IN (tablespace,…)]

 Right Click to go back.

**[****hierarchical\_query\_clause]**

[START WITH condition] CONNECT BY [NOCYCLE] condition

 Right Click to go back.

**[****hierarchy\_clause]**

HIERARCHY hierarchy (child\_level CHILD OF parent\_level CHILD OF … [[dimension\_join\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#dimension_join_clause)])

 Right Click to go back.

**[****implementation\_clause]**

{ANCILLARY TO [primary\_operator (parameter\_type,…)]…) | [context\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#context_clause)}

 Right Click to go back.

**[****incomplete\_file\_name]**

+diskgroup\_name [(template\_time)]

 Right Click to go back.

**[****index\_attributes]**

{[physical\_attributes\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#physical_attributes_clause) | [logging\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#logging_clause) | ONLINE | COMPUTE STATISTICS | TABLESPACE {tablespace | DEFAULT} | [key\_compression](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#key_compression) | {SORT | NOSORT} | REVERSE | [parallel\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#parallel_clause)}…

 Right Click to go back.

**[****index\_expr]**

{column | column\_expression}

 Right Click to go back.

**[****index\_org\_overflow\_clause]**

[INCLUDING column\_name] OVERFLOW [[segment\_attributes\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#segment_attributes_clause)]

 Right Click to go back.

**[****index\_org\_table\_clause]**

{[mapping\_table\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#mapping_table_clauses) | PCTTHRESHOLD [integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer) | [key\_compression](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#key_compression)}… [[index\_org\_overflow\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#index_org_overflow_clause)]

 Right Click to go back.

**[****index\_partition\_description]**

PARTITION [partition {[segment\_attributes\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#segment_attributes_clause) | [key\_compression](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#key_compression)}…]

 Right Click to go back.

**[****index\_partitioning\_clause]**

PARTITION [partition] VALUES LESS THAN (value, value,…) [[segment\_attributes\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#segment_attributes_clause)]

 Right Click to go back.

**[****index\_properties]**

{{[global\_partitioned\_index](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#global_partitioned_index) | [local\_partitioned\_index](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#local_partitioned_index)} | [index\_attributes](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#index_attributes)}… | [domain\_index\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#domain_index_clause)

 Right Click to go back.

**[****index\_subpartition\_clause]**

STORE IN (tablespace, tablespace,…) | (SUBPARTITION [subpartition [TABLESPACE tablespace]], SUBPARTITION…)

 Right Click to go back.

**[****individual\_hash\_paritions]**

(PARTITION partition [partitioning\_storage\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#partitioning_storage_clause), PARTITION…)

 Right Click to go back.

**[****inheritance\_clauses]**

[[NOT] {OVERRIDING | FINAL | INSTANTIABLE}]…

 Right Click to go back.

**[****inline\_constraint]**

CONSTRAINT constraint\_name {[NOT] NULL | UNIQUE | PRIMARY KEY | [references\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#references_clause) | CHECK (condition)} [[constraint\_state](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#constraint_state)]

 Right Click to go back.

**[****inline\_ref\_constraint]**

{SCOPE IS [schema.]scope\_table | WITH ROWID | [CONSTRAINT constraint\_name] [references\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#references_clause) [[constraint\_state](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#constraint_state)]}

 Right Click to go back.

**[****inner\_cross\_join\_clause]**

table\_reference {[INNER] JOIN [table\_reference](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#table_reference) {ON condition | USING (column, column,…)} | {CROSS | NATURAL [INNER]} JOIN [table\_reference](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#table_reference)}

 Right Click to go back.

**[****insert\_into\_clause]**

INTO [dml\_table\_expression\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#dml_table_expression_clause) [t\_alias] [(column,…)]

 Right Click to go back.

**[****integer]**

[+|-] digit…

 Right Click to go back.

**[****interval\_day\_to\_second]**

INTERVAL ‘{[integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer) | [integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer) time\_expr | time\_expr}’ {{DAY | HOUR | MINUTE} [(leading\_precision)] | SECOND [(leading\_precision, fractional\_seconds\_precision)]}[TO {DAY | HOUR | MINUTE | SECOND [(fractional\_seconds\_precision)]}]

 Right Click to go back.

**[****interval\_year\_to\_month]**

INTERVAL ‘[integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer) [- [integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer)]’{YEAR | MONTH} [(precision)][TO {YEAR | MONTH}]

 Right Click to go back.

**[****into\_clause]**

INTO [schema.]table

 Right Click to go back.

**[****invoker\_rigths\_clause]**

AUTHID {CURRENT\_USER | DEFINER}

 Right Click to go back.

**[****java\_declaration]**

JAVA NAME ‘string’

 Right Click to go back.

**[****join\_clause]**

{[inner\_cross\_join\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#inner_cross_join_clause) | [outer\_join\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#outer_join_clause)}

 Right Click to go back.

**[****key\_compression]**

{COMPRESS [[integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer)] | NOCOMPRESS}

 Right Click to go back.

**[****level\_clause]**

LEVEL level IS (level\_table.level\_column,…)

 Right Click to go back.

**[****list\_partitioning]**

PARTITION BY LIST (column) (PARTITION [partition] [list\_values\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#list_values_clause) [table\_partition\_description](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#table_partition_description), PARTITION …)

 Right Click to go back.

**[****list\_values\_clause]**

VALUES ({value | NULL},…) | DEFAULT

 Right Click to go back.

**[****LOB\_parameters]**

{TABLESPACE tablespace | {ENABLE | DISABLE} STORAGE IN ROW | [storage\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#storage_clause) | CHUNK [integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer) | PCTVERSION [integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer) | RETENTION | FREEPOOLS [integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer) | {CACHE | {NOCACHE | CACHE READS} [[logging\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#logging_clause)]}}…

 Right Click to go back.

**[****LOB\_partition\_storage]**

PARTITION partition {[LOB\_storage\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#LOB_storage_clause) | [varray\_col\_properties](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#varrary_col_properties)}… (SUBPARTITION subpartition {[LOB\_storage\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#LOB_storage_clause) | [varray\_col\_properties](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#varrary_col_properties)}…)

 Right Click to go back.

**[****LOB\_storage\_clause]**

LOB {(LOB\_item,…) STORE AS ([LOB\_parameters](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#LOB_parameters)) | (LOB\_item) STORE AS {LOB\_segname ([LOB\_parameters](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#LOB_parameters)) | LOB\_segname | ([LOB\_parameters](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#LOB_parameters))}}

 Right Click to go back.

**[****local\_partitioned\_index]**

LOCAL [[on\_range\_partitioned\_table](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#on_range_partitioned_table) | [on\_list\_partitioned\_table](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#on_list_partitioned_table) | [on\_hash\_partitioned\_table](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#on_hash_partitioned_table) | [on\_comp\_parttioned\_table](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#on_comp_partitioned_table)]

 Right Click to go back.

**[****logfile\_clause]**

[GROUP integer][file\_specification](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm" \l "file_specification), GROUP…]

 Right Click to go back.

**[****logfile\_clauses]**

{{ARCHIVELOG [MANUAL] | NOARCHIVELOG} | [NO] FORCE LOGGING | RENAME FILE ‘filename’,… TO ‘filename’ | CLEAR [UNARCHIVED] LOGFILE [logfile\_descriptor](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#logfile_descriptor),… [UNRECOVERABLE DATAFILE] | [add\_logfile\_clauses](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#add_logfile_clauses) | [drop\_logfile\_clauses](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#drop_logfile_clauses) | [supplemental\_db\_logging](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#supplemental_db_logging)}

 Right Click to go back.

**[****logfile\_descriptor]**

{GROUP [integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer) | (‘filename’,…) | ‘filename’}

 Right Click to go back.

**[****logging\_clause]**

{LOGGING | NOLOGGING}

 Right Click to go back.

**[****main\_model]**

[MAIN main\_model\_name] [model\_column\_clauses](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#model_column_clauses) [[cell\_reference\_options](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#cell_reference_options)] [model\_rules\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#model_rules_clause)

 Right Click to go back.

**[****managed\_standby\_recovery]**

RECOVER MANAGED STANDBY DATABASE [[recover\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#recover_clause) | [cancel\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#cancel_clause) | [finish\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#finish_clause)]

 Right Click to go back.

**[****map\_order\_func\_declaration]**

{MAP | ORDER} MEMBER [function\_declaration](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#function_declaration)

 Right Click to go back.

**[****map\_order\_function\_spec]**

{MAP | ORDER} MEMBER [function\_spec](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#function_spec)

 Right Click to go back.

**[****mapping\_table\_clauses]**

{MAPPING TABLE | NOMAPPING}

 Right Click to go back.

**[****materialized\_view\_props]**

[[column\_properties](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#column_properties)][[table\_partitioning\_clauses](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#table_partitioning_clauses)][CACHE | NOCACHE][[parallel\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#parallel_clause)][[build\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#build_clause)]

 Right Click to go back.

**[****maximize\_standby\_db\_clause]**

SET STANDBY DATABASE TO MAXIMIZE {PROTECTION | AVAILABILITY | PERFORMANCE}

 Right Click to go back.

**[****maxsize\_clause]**

MAXSIZE {UNLIMITED | [size\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#size_clause)}

 Right Click to go back.

**[****merge\_insert\_clause]**

WHEN NOT MATCHED THEN INSERT [(column,…)] VALUES ({[expr](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#expr),… | DEFAULT}) [[where\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#where_clause)]

 Right Click to go back.

**[****merge\_table\_partitions]**

MERGE PARTITIONS partition\_1, partition\_2 [INTO [partition\_spec](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#partition_spec)][[update\_index\_clauses](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm" \l "update_index_clauses)][[parallel\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#parallel_clause)]

 Right Click to go back.

**[****merge\_table\_subpartitions]**

MERGE SUBPARTITIONS subpart\_1, subpart\_2 [INTO [subpartition\_spec](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#subpartition_spec)][[update\_index\_clauses](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm" \l "update_index_clauses)][[parallel\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#parallel_clause)]

 Right Click to go back.

**[****merge\_update\_clause]**

WHEN MATCHED THEN UPDATE SET column={[expr](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm" \l "expr) | DEFAULT}, column… [[where\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#where_clause)][DELETE [where\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#where_clause)]

 Right Click to go back.

**[****model\_clause]**

MODEL [[cell\_reference\_options](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#cell_reference_options)][[return\_rows\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm" \l "return_rows_clause)][[reference\_model](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#reference_model)]… [main\_model](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#main_model)

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**[****model\_column]**

[expr](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#expr) [[AS] c\_alias]

 Right Click to go back.

**[****model\_column\_clauses]**

[[query\_partition\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#query_partition_clause) [c\_alias]] DIMENSION BY ([model\_column](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#model_column),…) MEASURES ([model\_column](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#model_column),…)

 Right Click to go back.

**[****model\_rules\_clause]**

RULES [UPSERT | UPDATE][{AUTOMATIC | SQUENTIAL} ORDER][ITERATE (number) [UNTIL (condition)]] ([UPDATE | UPSERT] [cell\_assignment](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#cell_assignment) [[order\_by\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#order_by_clause)] = [expr](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#expr))…

 Right Click to go back.

**[****modify\_col\_properties]**

([column [datatype][DEFAULT [expr](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#expr)][[inline\_constraint](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#inline_constraint)…][[LOB\_storage\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#LOB_storage_clause)]],…)

 Right Click to go back.

**[****modify\_col\_substitutable]**

COLUMN column [NOT] SUBSTRITUTABLE AT ALL LEVELS [FORCE]

 Right Click to go back.

**[****modify\_collection\_retrieval]**

MODIFY NESTED TABLE collection\_item RETURN AS {LOCATOR | VALUE}

 Right Click to go back.

**[****modify\_column\_clauses]**

MODIFY {[modify\_col\_properties](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#modify_col_properties) | [modify\_col\_substitutable](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#modify_col_substitutable)}

 Right Click to go back.

**[****modify\_hash\_partition]**

MODIFY PARTITION partition {[partition\_attributes](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#partition_attributes) | [alter\_mapping\_table\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#alter_mapping_table_clauses) | [REBUILD] UNUSABLE LOCAL INDEXES}

 Right Click to go back.

**[****modify\_hash\_subpartition]**

{{[allocate\_extent\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#allocate_extent_clause) | [deallocate\_unused\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#deallocate_unused_clause) | [shrink\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#shrink_clause) | [{LOB LOB\_item | VARRAY varray} [modify\_LOB\_parameters](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#modify_LOB_parameters)]…} | [REBUILD] UNUSABLE LOCAL INDEXES}

 Right Click to go back.

**[****modify\_index\_default\_attrs]**

MODIFY DEFAULT ATTRIBUTES [FOR PARTITION partition]{[physical\_atributes\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm" \l "physical_attributes_clause) | TABLESPACE {tablespace | DEFAULT} | [logging\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#logging_clause)}…

 Right Click to go back.

**[****modify\_index\_partition]**

MODIFY PARTITION partition {[deallocate\_unused\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#deallocate_unused_clause) | [allocate\_extent\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#allocate_extent_clause) | [physical\_attributes\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#physical_attributes_clause) | [logging\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#logging_clause) | [key\_compression](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#key_compression)}… | PARAMETERS (‘ODCI\_parameters’) | COALESCE | UPDATE BLOCK REFERENCES | UNUSABLE

 Right Click to go back.

**[****modify\_index\_subpartition]**

MODIFY SUBPARTITION partition {UNUSABLE | [allocate\_extent\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#allocate_extent_clause) | [deallocate\_unused\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#deallocate_unused_clause)}

 Right Click to go back.

**[****modify\_list\_partition]**

MODIFY PARTITION partition {[partition\_attributes](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#partition_attributes) | {ADD | DROP} VALUES (partition\_value,…) | [REBUILD] UNUSABLE LOCAL INDEXES}

 Right Click to go back.

**[****modify\_list\_subpartition]**

{[allocate\_extent\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#allocate_extent_clause) | [deallocate\_unused\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#deallocate_unused_clause) | [shrink\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#shrink_clause) | ]{LOB LOB\_item | VARRAY varray} [modify\_LOB\_parameters](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#modify_LOB_parameters)]… | [REBUILD] UNUSABLE LOCAL INDEXES | {ADD | DROP} VALUES (value,…)}

 Right Click to go back.

**[****modify\_LOB\_parameters]**

[{[storage\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#storage_clause) | PCTVERSION [integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer) | RETENTION | FREEPOOLS [integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer) | REBUILD FREEPOOLS | {CACHE | {NOCACHE | CACHE READS}[[logging\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#logging_clause)]} | [allocate\_extent\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#allocate_extent_clause) | [deallocate\_unused\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#deallocate_unused_clause) | [shrink\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#shrink_clause)]…

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**[****modify\_LOB\_storage\_clause]**

MODIFY LOB (LOB\_item) ([modify\_LOB\_parameters](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#modify_LOB_parameters))

 Right Click to go back.

**[****modify\_range\_partition]**

MODIFY PARTITION partition {[partition\_attributes](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#partition_attributes) | {[add\_hash\_subpartition](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#add_hash_subpartition) | [add\_list\_subpartition](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#add_list_subpartition)} | COALESCE SUBPARTITION [[update\_index\_clauses](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#update_index_clauses)][[parallel\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#parallel_clause)] | [alter\_mapping\_table\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#alter_mapping_table_clauses) | [REBUILD] UNUSABLE LOCAL INDEXES}

 Right Click to go back.

**[****modify\_table\_default\_attrs]**

MODIFY DEFAULT ATTRIBUTES [FOR PARTITION partition] [[segment\_attributes\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#segment_attributes_clause)] [[table\_compression](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#table_compression)] [PCTTHRESHOLD [integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer)] [[key\_compression](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#key_compression)] [[alter\_overflow\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#add_overflow_clause)] [{LOB (LOB\_item) | VARRAY varrary} ([LOB\_parameters](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#LOB_parameters))]…]

 Right Click to go back.

**[****modify\_table\_partition]**

{[modify\_range\_partition](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#modify_range_partition) | [modify\_hash\_partition](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#modify_hash_partition) | [modify\_list\_partition](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#modify_list_partition)}

 Right Click to go back.

**[****modify\_table\_subpartition]**

{[modify\_range\_partition](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#modify_range_partition) | [modify\_hash\_subpartition](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#modify_hash_subpartition) | [modify\_list\_subpartition](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#modify_list_subpartition)}

 Right Click to go back.

**[****move\_table\_clause]**

MOVE [ONLINE] [[segment\_attributes\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#segment_attributes_clause)] [[table\_compression](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#table_compression)] [[index\_org\_table\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#index_org_table_clause)] {[LOB\_storage\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#LOB_storage_clause) | [varrary\_col\_properties](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#varrary_col_properties)}… [[parallel\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#parallel_clause)]

 Right Click to go back.

**[****move\_table\_partition]**

MOVE PARTITION partition [MAPPING TABLE] [[table\_partition\_description](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#table_partition_description)] [[update\_index\_clauses](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#update_index_clauses)] [[parallel\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#parallel_clause)]

 Right Click to go back.

**[****move\_table\_subpartition]**

MOVE SUBPARTITION subpartition\_spec [[update\_index\_clauses](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#update_index_clauses)] [[parallel\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#parallel_clause)]

 Right Click to go back.

**[****multi\_column\_for\_loop]**

FOR (dimension\_column,…)  IN ((literal,…)(literal,…)…) | [subquery](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#subquery)

 Right Click to go back.

**[****multi\_table\_insert]**

{ALL [[insert\_into\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#insert_into_clause) [[values\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#values_clause)]]… | [conditional\_insert\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#conditional_insert_clause)} [subquery](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#subquery)

 Right Click to go back.

**[****multiset\_except]**

nested\_table1 MULTISET EXCEPT [ALL | DISTINCT] nested\_table2

 Right Click to go back.

**[****multiset\_interset]**

nested\_table1 MULTISET INTERSECT [ALL | DISTINCT] nested\_table2

 Right Click to go back.

**[****multiset\_union]**

nested\_table1 MULTISET UNION [ALL | DISTINCT] nested\_table2

 Right Click to go back.

**[****nested\_table\_col\_properties]**

NESTED TABLE {nested\_item | COLUMN\_VALUE} [[substritutable\_column\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#substitutable_column_clause)] STORE AS storage\_table [(([object\_properties](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#object_properties)) | [[physical\_properties](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#physical_properties)] | [[column\_properties](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#column_properties)]]…)] [RETURN AS {LOCATOR | VALUE}]

 Right Click to go back.

**[****new\_values\_clause]**

{INCLUDING | EXCLUDING} NEW VALUES

 Right Click to go back.

**[****number]**

[+ | -] {digit…[.]digit… |  [e[+ | -] digit…]  |  [f | d]

 Right Click to go back.

**[****numeric\_file\_name]**

+diskgroup\_name.filenumber.incarnation\_number

 Right Click to go back.

**[****object\_properties]**

{column | attribute} [DEFAULT [expr](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#expr)] [[inline\_constraint](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#inline_constraint) [[inline\_constraint](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#inline_constraint)]… | [inline\_ref\_constraint](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#inline_ref_constraint)] | {[out\_of\_line\_constraint](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#out_of_line_constraint) | [out\_of\_line\_ref\_constraint](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#out_of_line_ref_constraint) | [supplemental\_logging\_props](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#supplemental_logging_props)}

 Right Click to go back.

**[****object\_table]**

CREATE [GLOBAL TEMPORARY] TABLE [schema.]table OF [schema.]object\_type [[object\_table\_substitution](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#object_table_substitution)] [([object\_properties](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#object_properties))] [ON COMMIT {DELETE | PRESERVE} ROWS] [[OID\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#OID_clause)] [[OID\_index\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#OID_index_clause)] [[physical\_properties](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#physical_properties)] [[table\_properties](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#table_properties)];

 Right Click to go back.

**[****object\_table\_substitution]**

[NOT] SUBSTITUTABLE AT ALL LEVELS

 Right Click to go back.

**[****object\_type\_col\_properties]**

COLUMN column [substitutable\_column\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#substitutable_column_clause)

 Right Click to go back.

**[****object\_view\_clause]**

OF [schema.]type\_name {WITH OBJECT IDENTIFIER {DEFAULT | (attribute,…) | UNDER [schema.]superview} ({[out\_of\_line\_constraint](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#out_of_line_constraint) | attribute [inline\_constraint](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#inline_constraint)…}…)

 Right Click to go back.

**[****OID\_clause]**

OBJECT IDENTIFIER IS {SYSTEM GENERATED | PRIMARY KEY}

 Right Click to go back.

**[****OID\_index\_clause]**

OIDINDEX [index] ({[physical\_attributes\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#physical_attributes_clause) | TABLESPACE tablespace}…)

 Right Click to go back.

**[****on\_comp\_partitioned\_table]**

[STORE IN (tablespace,…)] (PARTITION [partition {[segment\_attribute\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#segment_attributes_clause) | [key\_compression](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#key_compression)}…] [[index\_subpartition\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#index_subpartition_clause)], PARTITION…)

 Right Click to go back.

**[****on\_hash\_partitioned\_table]**

STORE IN (tablespace,…) | (PARTITION [partition [TABLESPACE tablespace]],  PARTITION…)

 Right Click to go back.

**[****on\_list\_partitioned\_table]**

(PARTITION [partition {[segment\_attribute\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#segment_attributes_clause) | [key\_compression](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#key_compression)}…], PARTITION…)

 Right Click to go back.

**[****on\_object\_clause]**

{schema.object | {DIRECTORY directory\_name | JAVA {SOURCE | RESOURCE} [schema.]object}}

 Right Click to go back.

**[****on\_range\_partitioned\_table]**

(PARTITION [partition {[segment\_attribute\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#segment_attributes_clause) | [key\_compression](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#key_compression)}…], PARTITION…)

 Right Click to go back.

**[****order\_by\_clause]**

ORDER [SIBLINGS] BY {[expr](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#expr) | position | c\_alias} [ASC | DESC] [NULLS FIRST | NULLS LAST], [expr](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#expr)…}

 Right Click to go back.

**[****out\_of\_line\_constraint]**

[CONSTRAINT constraint\_name] {UNIQUE (column,…) | PRIMARY KEY (column,…) | FOREIGN KEY (column,…) [references\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#references_clause) | CHECK (condition)} [[constraint\_state](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#constraint_state)]

 Right Click to go back.

**[****out\_of\_line\_ref\_constraint]**

{SCOPE FOR ({ref\_col | ref\_attr}) IS [schema.]scope\_table | REF ({ref\_col | ref\_attr}) WITH ROWID | [CONSTRAINT constraint\_name] FOREIGN KEY ({ref\_col | ref\_attr}) [references\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#references_clause) [[constraint\_state](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#constraint_state)]}

 Right Click to go back.

**[****outer\_join\_clause]**

[table\_reference](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#table_reference) [[query\_partition\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#query_partition_clause)] {[outer\_join\_type](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#outer_join_type) JOIN | NATURAL [[outer\_join\_type](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#outer_join_type)] JOIN} [table\_reference](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#table_reference) [[query\_partition\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#query_partition_clause)] [ON condition | USING (column,…)]

 Right Click to go back.

**[****outer\_join\_type]**

{FULL | LEFT | RIGHT} [OUTER]

 Right Click to go back.

**[****parallel\_clause]**

{NOPARALLEL | PARALLEL [[integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer)] }

 Right Click to go back.

**[****parallel\_enable\_clause]**

PARALLEL\_ENABLE [(PARTITION argument BY {ANY | {HASH | RANGE} (column,…)}) [[streaming\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#streaming_clause)]]

 Right Click to go back.

**[****partial\_database\_recovery]**

{TABLESPACE tablespace,… | DATAFILE {‘filename’ | ‘filenumber, …} | STANBY {TABLESPACE tablespace,… | DATAFILE {‘filename’ | ‘filenumber, …} UNTIL [CONSISTENT WITH] CONTROLFILE}

 Right Click to go back.

**[****partition\_attributes]**

[{[physical\_attributes\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#physical_attributes_clause) | [logging\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#logging_clause) | [allocate\_extent\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#allocate_extent_clause) | [deallocate\_unused\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#deallocate_unused_clause) | [shrink\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#shrink_clause) }…] OVERFLOW [{[physical\_attributes\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#physical_attributes_clause) | [logging\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#logging_clause) | [allocate\_extent\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#allocate_extent_clause) | [deallocate\_unused\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#deallocate_unused_clause)}…] [[table\_compression](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#table_compression)] [{LOB LOB\_item | VARRAY varray} [modify\_LOB\_parameters](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#modify_LOB_parameters) LOB LOB\_item…]

 Right Click to go back.

**[****partition\_extended\_name]**

[schema.]{table | view} [PARTITION (partition) | SUBPARTITION (subpartition)]

 Right Click to go back.

**[****partition\_level\_subpartition]**

{SUBPARTITIONS hash\_subpartition\_quantity [STORE IN (tablespace,…)] | ([subpartition\_spec](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#subpartition_spec),…)}

 Right Click to go back.

**[****partition\_spec]**

PARTITION [partition] [table\_partition\_description]

 Right Click to go back.

**[****partitioning\_storage\_clause]**

[{TABLESPACE tablespace | OVERFLOW [TABLESPACE tablespace] | LOB (LOB\_item) STORE AS {LOB\_segname [(TABLESPACE tablespace)] | (TABLESPACE tablespace} | VARRAY varray\_item STORE AS LOB LOB\_segment}…]

 Right Click to go back.

**[****password\_parameters]**

{{FAILED\_LOGIN\_ATTEMPTS | PASSWORD\_LIFE\_TIME | PASSWORD\_REUSE\_TIME | PASSWORD\_LOCK\_TIME | PASSWORD\_GRACE\_TIME} {[expr](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#expr) | UNLIMITED | DEFAULT} | PASSWORD\_VERIFY\_FUNCTION {function | NULL | DEFAULT}}

 Right Click to go back.

**[****permanent\_tablespace\_clause]**

{MINIMUM EXTENT [integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer) [K | M] | BLOCKSIZE [integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer) [K] | [logging\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#logging_clause) | FORCE LOGGING | DEFAULT [[table\_compression](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#table_compression)] [storage\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#storage_clause) | {ONLINE | OFFLINE} | [extent\_management\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#extent_mangement_clause) | [segment\_management\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#segment_management_clause) | [flashback\_mode\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#flashback_mode_clause)}…

 Right Click to go back.

**[****physical\_attributes\_clause]**

{PCTFREE [integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer) | PCTUSED [integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer) | INITRANS [integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer) | [storage\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#storage_clause)}…

 Right Click to go back.

**[****physical\_properties]**

{[segment\_attributes\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#segment_attributes_clause) [[table\_compression](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#table_compression)] | ORGANIZATION {HEAP [[segment\_attributes\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#segment_attributes_clause)] [[table\_compression](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#table_compression)] | INDEX [[segment\_attributes\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#segment_attributes_clause)] [index\_org\_table\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#index_org_table_clause) | EXTERNAL [external\_table\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#external_table_clause)} | CLUSTER cluster (column,…)}

 Right Click to go back.

**[****pragma\_clause]**

PRAGMA RESTRICT\_REFERENCES ({method\_name | DEFAULT}, {RNDS | WNDS | RNPS | WNPS | TRUST},…)

 Right Click to go back.

**[****procedure\_declaration]**

PROCEDURE name (parameter datatype, …) {IS | AS} {pl/sql\_block | [call\_spec](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#call_spec)}

 Right Click to go back.

**[****procedure\_spec]**

PROCEDURE name (parameter datatype, …) {IS | AS} {[call\_spec](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#call_spec)}

 Right Click to go back.

**[****proxy\_authentication]**

{AUTHENTICATION REQUIRED | AUTHENTICATED USING {PASSWORD | DISTINGUISHED NAME | CERTIFICATE [TYPE ‘type’] [VERSION ‘version’]}}

 Right Click to go back.

**[****proxy\_clause]**

{GRANT | REVOKE} CONNECT THROUGH proxy [WITH ROLE role\_name,… | ALL EXCEPT role\_name, … | NO ROLES] [[proxy\_authentication](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#proxy_authentication)]

 Right Click to go back.

**[****qualified\_disk\_clause]**

search\_string [NAME disk\_name] [SIZE [size\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#size_clause)] [FORCE | NOFORCE]

 Right Click to go back.

**[****qualified\_template\_clause]**

template\_name ATTRIBUTE ([MIRROR | UNPROTECTED] [FINE | COASE])

 Right Click to go back.

**[****query\_partition\_clause]**

PARTITION BY (value\_expr,…)

 Right Click to go back.

**[****query\_table\_expression]**

{query\_name | [schema.]table {PARTITION (partition) | SUBPARTITION (subpartition)} | [sample\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#sample_clause) | @[dblink](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#dblink) | {view | materialized view} [@[dblink](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#dblink)] | ([subquery](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#subquery) [[subquery\_restriction\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#subquery_restriction_clause)]) | [table\_collection\_expression](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#table_collection_expression)}

 Right Click to go back.

**[****quiesce\_clauses]**

QUIESCE RESRICTED | UNQUIESCE

 Right Click to go back.

**[****range\_partitioning]**

PARTITION BY RANGE (column,…) (PARTITION [partition] [range\_values\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#range_values_clause) [table\_partition\_description](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#table_partition_description), PARTITION…)

 Right Click to go back.

**[****range\_values\_clause]**

VALUES LESS THAN ({value | MAXVALUE},…)

 Right Click to go back.

**[****rebalance\_diskgroup\_clause]**

REBALANCE [POWER [integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer)]

 Right Click to go back.

**[****rebuild\_clause]**

REBUILD [{PARTITION partition | SUBPARTITION subpartition} | {REVERSE | NOREVERSE}]  [[parallel\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#parallel_clause) | TABLESPACE tablespace | PARAMETERS (‘ODCI\_parameters’) | ONLINE | COMPUTE STATISTICS | [physical\_attributes\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#physical_attributes_clause) | [key\_compression](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#key_compression) | [logging\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#logging_clause)]…

 Right Click to go back.

**[****records\_per\_block\_clause]**

{MINIMIZE | NOMINIMIZE} RECORDS\_PER\_BLOCK

 Right Click to go back.

**[****recover\_clause]**

{{DISCONNECT [FROM SESSION] | {TIMEOUT [integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer) | NOTIMEOUT}} | {NODELAY | DEFAULT DELAY | DELAY [integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer)} | NEXT [integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer) | {EXPIRE [integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer) | NO EXPIRE} | [parallel\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#parallel_clause) | USING CURRENT LOGFILE | UNTIL CHANGE [integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer) | THROUGH { [THREAD [integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer)] SEQUENCE [integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer) | ALL ARCHIVELOG | {ALL | LAST | NEXT} SWITCHOVER}}…

 Right Click to go back.

**[****recovery\_clauses]**

{[general\_recovery](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#general_recovery) | [managed\_standby\_recovery](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#managed_standby_recovery) | BEGIN BACKUP | END BACKUP}

 Right Click to go back.

**[****redo\_log\_file\_spec]**

(‘filename’,…) [SIZE [size\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#size_clause)] [REUSE]

 Right Click to go back.

**[****redo\_thread\_cluasues]**

{ENABLE | DISABLE} {INSTANCE ‘instance\_name’ | [PUBLIC] THREAD [integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer)}

 Right Click to go back.

**[****reference\_model]**

REFERENCE reference\_spreadsheet\_name ON ([subquery](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#subquery)) spreadsheet\_column\_clauses [[cell\_refference\_options](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#cell_reference_options)]

 Right Click to go back.

**[****references\_clause]**

REFERENCES [schema.]{object\_table | view} [(column,…)] [ON DELETE {CASCADE | SET NULL}] [[constraint\_state](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#constraint_state)]

 Right Click to go back.

**[****referencing\_clause]**

REFERENCING {OLD [AS] old | NEW [AS] new | PARENT [AS] parent}…

 Right Click to go back.

**[****register\_logfile\_clause]**

REGISTER [OR REPLACE] [PHYSICAL | LOGICAL] LOGFILE [[file\_specification](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#file_specification),…] FOR logminer\_session\_name

 Right Click to go back.

**[****relational\_properties]**

{column datatype [SORT] [DEFAULT [expr](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#expr)] [[inline\_constraint](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#inline_constraint) … | [inline\_ref\_constraint](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#inline_ref_constraint)] | {[out\_of\_line\_constraint](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#out_of_line_constraint) | [out\_of\_line\_ref\_constraint](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#out_of_line_ref_constraint) | [supplemental\_logging\_props](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#supplemental_logging_props)}}…

 Right Click to go back.

**[****relational\_table]**

CREATE [GLOBAL TEMPORARY] TABLE [schema.]table [([relational\_properties](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#relational_properties))][ON COMMIT {DELETE | PRESERVE} ROWS] [[physical\_properties](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#physical_properties)] [[table\_properties](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#table_properties)];

 Right Click to go back.

**[****rename\_column\_clause]**

RENAME COLUMN old\_name TO new\_name

 Right Click to go back.

**[****rename\_index\_partition]**

RENAME {PARTITION partition | SUBPARTITION subpartition} TO new\_name

 Right Click to go back.

**[****rename\_partition\_subpart]**

RENAME {PARTITION | SUBPARTITION} current\_name TO new\_name

 Right Click to go back.

**[****replace\_type\_clause]**

REPLACE [[invoker\_rights\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#invoker_rigths_clause)] AS OBJECT (attribute datatype,…,[element\_spec](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm" \l "element_spec),…)

 Right Click to go back.

**[****resize\_disk\_clauses]**

RESIZE {ALL [SIZE [size\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#size_clause)] | DISK disk\_name [SIZE [size\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#size_clause)], disk\_name… | DISKS IN FAILGROUP failgroup\_name [SIZE [size\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#size_clause)], failegroup…}

 Right Click to go back.

**[****resource\_parameters]**

{SESSIONS\_PER\_USER | CPU\_PER\_SESSION | CPU\_PER\_CALL | CONNECT\_TIME | IDLE\_TIME | LOGICAL\_READS\_PER\_SESSION | LOGICAL\_READS\_PER\_CALL | COMPOSITE\_LIMIT}{[integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer) | UNLIMITED | DEFAULT} | PRIVATE\_SGA {[integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer) [K | M] | UNLIMITED | DEFAULT}

 Right Click to go back.

**[****restricted\_session\_clauses]**

{ENABLE | DISABLE} RESTRICTED SESSION

 Right Click to go back.

**[****return\_clause]**

{RETURN datatype [{IS | AS} [call\_spec](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#call_spec)] | [sqlj\_object\_type\_sig](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#sqlj_object_type_sig)}

 Right Click to go back.

**[****return\_rows\_clause]**

RETURN {UPDATED | ALL} ROWS

 Right Click to go back.

**[****returning\_clause]**

RETURNING [expr](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#expr),… INTO data\_item,…

 Right Click to go back.

**[****revoke\_object\_privileges]**

{object\_privilege | ALL [PRIVILEGES]},… [on\_object\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#on_object_clause) FROM [grantee\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#grantee_clause) [CASCADE CONSTRAINTS | FORCE]

 Right Click to go back.

**[****revoke\_system\_privileges]**

{system\_privilege | role | ALL PRIVILEGES},… FROM [grantee\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#grantee_clause)

 Right Click to go back.

**[****rollup\_cube\_clause]**

{ROLLUP | CUBE} ([grouping\_expression\_list](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#grouping_expression_list))

 Right Click to go back.

**[****routine\_clause]**

[schema.][type. | package.] {function | procedure | method} [@dblink\_name] (argument,…)

 Right Click to go back.

**[****row\_movement\_clause]**

{ENABLE | DISABLE} ROW MOVEMENT

 Right Click to go back.

**[****sample\_clause]**

SAMPLE [BLOCK] (sample\_percent) [SEED (seed\_value)]

 Right Click to go back.

**[****schema\_object\_clause]**

{object\_option,… | ALL} [auditing\_on\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#auditing_on_clause)

 Right Click to go back.

**[****scoped\_table\_ref\_constraint]**

{SCOPE FOR ({ref\_column | ref\_attribute}) IS [schema.] {scope\_table\_name | c\_alias}},…

 Right Click to go back.

**[****searched\_case\_expression]**

WHEN condition THEN return\_[expr](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#expr) WHEN…

 Right Click to go back.

**[****security\_clause]**

GUARD {ALL | STANDBY | NONE}

 Right Click to go back.

**[****segment\_attributes\_clause]**

{[physical\_attributes\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#physical_attributes_clause) | TABLESPACE tablespace | [logging\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#logging_clause)}…

 Right Click to go back.

**[****segment\_management\_clause]**

SEGMENT SPACE MANAGEMENT {MANUAL | AUTO}

 Right Click to go back.

**[****select\_list]**

\* | {query\_name.\* | [schema.]{table | view | materialized\_view}.\* | [expr](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#expr) [AS] c\_alias | {query\_name…

 Right Click to go back.

**[****set\_subpartition\_template]**

SET SUBPARTITION TEMPLATE (SUBPARTITION subpartition [[list\_values\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#list_values_clause)] [[partitioning\_storage\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#partitioning_storage_clause)], SUBPARTITION …) | hash\_subpartition\_quantity

 Right Click to go back.

**[****set\_time\_zone\_clause]**

SET TIME\_ZONE ‘{ {+ | -} hh:mi | time\_zone\_region}’

 Right Click to go back.

**[****shrink\_clause]**

SHRINK SPACE [COMPACT] [CASCADE]

 Right Click to go back.

**[****shutdown\_dispatcher\_clause]**

SHUTDOWN [IMMEDIATE] dispatcher\_name

 Right Click to go back.

**[****simple\_case\_expression]**

expr WHEN comparison\_[expr](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#expr) THEN return\_[expr](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#expr) WHEN…

 Right Click to go back.

**[****single\_column\_for\_loop]**

FOR dimension\_column {IN ({literal,… | [subquery](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#subquery)}) | [LIKE pattern] FROM literal TO literal {INCREMENT | DECREMENT} literal}

 Right Click to go back.

**[****single\_table\_insert]**

[insert\_into\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#insert_into_clause) {[values\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#values_clause) [[returning\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#returning_clause)] | [subquery](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#subquery)}

 Right Click to go back.

**[****size\_clause]**

[integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer) [K | M | G | T]

 Right Click to go back.

**[****split\_index\_partition]**

SPLIT PARTITION partition\_name\_old AT (value,…) INTO ([index\_partition\_description](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#index_partition_description),…) [[parallel\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#parallel_clause)] UPDATE MANUALLY problem importing file

 Right Click to go back.

**[****split\_table\_partition]**

SPLIT PARTITION current\_partition {AT | VALUES} (value,…) INTO ([partition\_spec](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#partition_spec),…) [[update\_index\_clauses](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#update_index_clauses)] [[parallel\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#parallel_clause)] UPDATE MANUALLY problem importing file

 Right Click to go back.

**[****split\_table\_subpartition]**

SPLIT SUBPARTITION subpartition VALUES ({value | NULL},...) [INTO ([subpartition\_spec](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#subpartition_spec),…) [[update\_index\_clauses](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#update_index_clauses)] [[parallel\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#parallel_clause)] UPDATE MANUALLY problem importing file

 Right Click to go back.

**[****sql\_statement\_clause]**

{statement\_option | ALL},… | {system\_privilege | ALL PRIVILEGES},… [[auditing\_by\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#auditing_by_clause)]

 Right Click to go back.

**[****sqlj\_object\_type]**

EXTERNAL NAME java\_ext\_name LANGUAGE JAVA USING (SQLData | CustomDatum | OraData)

 Right Click to go back.

**[****sqlj\_object\_type\_attr]**

EXTERNAL NAME ‘field\_name’

 Right Click to go back.

**[****sqlj\_object\_type\_sig]**

RETURN {datatype | SELF AS RESULT} EXTERNAL {VARIABLE NAME ‘java\_static\_field\_name’ | NAME ‘java\_method\_sig’}

 Right Click to go back.

**[****standby\_database\_clauses]**

([activate\_standby\_db\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#activite_standby_db_clause) | [maximize\_standby\_db\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#maximize_standby_db_clause) | [register\_logfile\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#register_logfile_clause) | [commit\_suitchover\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#commit_switchover_clause) | [start\_standby\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#start_standby_clause) | [stop\_standby\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#stop_standy_clause)) [[parallel\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#parallel_clause)]

 Right Click to go back.

**[****start\_standby\_clause]**

START LOGICAL STANDBY APPLY [IMMEDIATE] [NODELAY] [NEW PRIMARY [dblink](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#dblink) | INITIAL [scn\_value] | {SKIP FAILED TRANSACTION | FINISH}]

 Right Click to go back.

**[****startup\_clauses]**

{MOUNT [{STANDBY | CLONE} DATABASE] | OPEN {[READ WRITE] [RESETLOGS | NORESETLOGS] [UPGRADE | DOWNGRADE] | READ ONLY}}

 Right Click to go back.

**[****stop\_standy\_clause]**

{STOP | ABORT} LOGICAL STANDBY APPLY

 Right Click to go back.

**[****storage\_clause]**

STORAGE ({INITIAL [integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer) [K | M] | NEXT [integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer) [K | M] | MINEXTENTS [integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer) | MAXEXTENTS {[integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer) | UNLIMITED} | PCTINCREASE [integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer) | FREELISTS [integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer) | FREELIST GROUPS [integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer) | OPTIMAL [[integer](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#integer) [K | M] | NULL] | BUFFER\_POOL {KEEP | RECYCLE | DEFAULT}…

 Right Click to go back.

**[****streaming\_clause]**

{ORDER | CLUSTER} BY (column,…)

 Right Click to go back.

**[****subpartition\_by\_hash]**

SUBPARTITION BY HASH (column,…) [SUBPARTITIONS quantity [STORE IN (tablespace,…) | [subpartition\_template](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#subpartition_template)]

 Right Click to go back.

**[****subpartition\_by\_list]**

SUBPARTITION BY LIST (column) [[subpartition\_template](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#subpartition_template)]

 Right Click to go back.

**[****subpartition\_spec]**

SUBPARTITION [subpartition] [[list\_valuses\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#list_values_clause)] [[partitioning\_storage\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#partitioning_storage_clause)]

 Right Click to go back.

**[****subpartition\_template]**

SUBPARTITION TEMPLATE (SUBPARTITION subpartition [[list\_valuses\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#list_values_clause)] [[partitioning\_storage\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#partitioning_storage_clause)], SUBPARTITION subparition…) | hash\_subpartition\_quantity

 Right Click to go back.

**[****subprogram\_declaration]**

{MEMBER | STATIC} {[procedure\_declaration](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#procedure_declaration) | [function\_declaration](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#function_declaration) | [constructor\_declaration](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#constractor_declaration)}

 Right Click to go back.

**[****subprogram\_spec]**

{MEMBER | STATIC} {[procedure\_spec](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#procedure_spec) | [function\_spec](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#function_spec)}

 Right Click to go back.

**[****subquery]**

[[subquery\_factoring\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#subquery_factorying_clause)] SELECT [hint] [{{DISTINCT | UNIQUE} | ALL}] [select\_list](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#select_list) FROM [table\_reference](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#table_reference), … [[where\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#where_clause)] [[hierarchical\_query\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#hierarchical_query_clause)] [[group\_by\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#group_by_clause)] [HAVING condition] [[model\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#model_clause)] [{UNION [ALL] | INTERSECT | MINUS} {[subquery](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#subquery))][[order\_by\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#order_by_clause)]

 Right Click to go back.

**[****subquery\_factoring\_clause]**

WITH query\_name AS ([subquery](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#subquery)), query\_name…

 Right Click to go back.

**[****subquery\_restriction\_clause]**

WITH {READ ONLY | CHECK OPTION [CONSTRAINT constraint]}

 Right Click to go back.

**[****substitutable\_column\_clause]**

[ELEMENT] IS OF [TYPE] ([ONLY] type) | [NOT] SUBSTITUTABLE AT ALL LEVELS

 Right Click to go back.

**[****supplemental\_db\_logging]**

{ADD | DROP} SUPPLEMENTAL LOG {DATA | [supplemental\_id\_key\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#supplemental_id_key_clause)}

 Right Click to go back.

**[****supplemental\_id\_key\_clause]**

DATA ({ALL | PRIMARY KEY | UNIQUE | FOREIGN KEY},…) COLUMNS

 Right Click to go back.

**[****supplemental\_log\_grp\_clause]**

GROUP log\_group (column [NO LOG], column…) [ALWAYS]

 Right Click to go back.

**[****supplemental\_logging\_props]**

{[supplemental\_log\_grp\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#supplemental_log_grp_clause) | [supplemental\_id\_key\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#supplemental_id_key_clause)}

 Right Click to go back.

**[****supplemental\_table\_logging]**

ADD SUPPLEMENTAL LOG {[supplemental\_log\_grp\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#supplemental_log_grp_clause) }, SUPPLEMENTAL LOG… | DROP SUPPLEMENTAL LOG {[supplemental\_id\_key\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#supplemental_id_key_clause) | GROUP log\_group}, SUPPLEMENTAL LOG…

 Right Click to go back.

**[****table\_collection\_expression]**

TABLE (collection\_expression) [(+)]

 Right Click to go back.

**[****table\_compression]**

{COMPRESS | NOCOMPRESS}

 Right Click to go back.

**[****table\_index\_clause]**

[schema.]table [t\_alias] (index\_expr [ASC | DESC], index\_expr…) [[index\_properties](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#index_properties)]

 Right Click to go back.

**[****table\_partition\_description]**

[[segment\_attributes\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#segment_attributes_clause)] [[table\_compression](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#table_compression) | [key\_compression](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#key_compression)] [OVERFLOW [[segment\_attributes\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#segment_attributes_clause)]] [{[LOB\_storage\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#LOB_storage_clause) | [varray\_col\_properties](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#varrary_col_properties)}…] [[partition\_level\_subpartition](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#partition_level_subpartition)]

 Right Click to go back.

**[****table\_partitioning\_clauses]**

{[range\_partitioning](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#range_partitioning) | [hash\_partitioning](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#hash_partitioning) | [list\_partitioning](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#list_partitioning) | [composite\_partitioning](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#composite_partitioning)}

 Right Click to go back.

**[****table\_properties]**

[[column\_properties](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#column_properties)] [[table\_partitioning\_clauses](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#table_partitioning_clauses)] [CACHE | NOCACHE] [[parallel\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#parallel_clause)] [ROWDEPENDENCIES | NOROWDEPENDENCIES] [[enable\_disable\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#enable_disable_clause)]  [[row\_movement\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#row_movement_clause)] [AS [subquery](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#subquery)]

 Right Click to go back.

**[****table\_reference]**

ONLY ([query\_table\_expression](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#query_table_expression)) [[flashback\_query\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#flashback_query_clause)] [t\_alias] | ([join\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#join_clause))

 Right Click to go back.

**[****tablespace\_clauses]**

EXTENT MANGEMENT LOCAL | DATAFILE [file\_specification](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#file_specification),… | SYSAUX DATAFILE [file\_specification](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#file_specification),… | default\_tablespace | default\_temp\_tablespace | undo\_tablespace

 Right Click to go back.

**[****tablespace\_group\_clause]**

TABLESPACE GROUP {tablespace\_group\_name | ‘’}

 Right Click to go back.

**[****tablespace\_logging\_clauses]**

{[logging\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#logging_clause) | [NO] FORCE LOGGING}

 Right Click to go back.

**[****tablespace\_retention\_clause]**

RETENTION {GUARANTEE | NOGUARANTEE}

 Right Click to go back.

**[****tablespace\_state\_clauses]**

{ONLINE | OFFLINE [NORMAL | TEMPORARY | IMMEDIATE]} | READ {ONLY | WRITE} | {PERMANENT | TEMPORARY}

 Right Click to go back.

**[****temporary\_tablespace\_clause]**

TEMPORARY TABLESPACE tablespace [TEMPFILE [file\_specification](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#file_specification),…] [[tablespace\_group\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#tablespace_group_clause)] [[extent\_management\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#extent_mangement_clause)]

 Right Click to go back.

**[****text]**

[N | n] {‘c…’ | {Q | q} ‘c…’}

 Right Click to go back.

**[****trace\_file\_clause]**

TRACE [AS ‘filename’ [REUSE]] [RESETLOGS | NORESETLOGS]

 Right Click to go back.

**[****truncate\_partition\_subpart]**

TRUNCATE {PARTITION partition | SUBPARTITION subpartition} [{DROP | REUSE] STORAGE] [[update\_index\_clauses](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#update_index_clauses) [[parallel\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#parallel_clause)]]

 Right Click to go back.

**[****undo\_tablespace]**

[BIGFILE | SMALLFILE] UNDO TABLESPACE tablespace [TABLESPACE [file\_specification](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#file_specification),…]

 Right Click to go back.

**[****undo\_tablesapce\_clause]**

UNDO TABLESPACE tablespace [DATAFILE [file\_specification](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#file_specification),…] [[extent\_management\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#extent_mangement_clause)] [[tablespace\_retention\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#tablespace_retention_clause)]

 Right Click to go back.

**[****undrop\_disk\_clause]**

UNDROP DISKS

 Right Click to go back.

**[****update\_all\_indexes\_clause]**

UPDATE INDEXES [(index ({[update\_index\_partition](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#update_index_partition) | [update\_index\_subpartition](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#update_index_subpartition)}),index…))]…

 Right Click to go back.

**[****update\_global\_index\_clause]**

{UPDATE | INVALIDATE} GLOBAL INDEXES

 Right Click to go back.

**[****update\_index\_clauses]**

{[update\_global\_index\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#update_global_index_clause) | [update\_all\_indexes\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#update_all_indexes_clause)}

 Right Click to go back.

**[****update\_index\_partition]**

PARTITION [partition] [[index\_partition\_description](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#index_partition_description) [[index\_subpartition\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#index_subpartition_clause)]], PARTITION…

 Right Click to go back.

[**update\_index\_subpartition**]

SUBPARTITION [subpartition] [TABLESPACE tablespace], SUBPARTITION…

 Right Click to go back.

**[****update\_set\_clause]**

SET {(column,…) = ([subquery](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#subquery)) | column = {[expr](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#expr) | ([subquery](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#subquery)) | DEFAULT}},… | VALUE (t\_alias) = {[expr](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#expr) | ([subquery](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#subquery))}

 Right Click to go back.

**[****upgrade\_table\_clause]**

UPGRADE [[NOT] INCLUDING DATA] [[column\_properties](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#column_properties)]

 Right Click to go back.

**[****using\_function\_clause]**

USING [schema.][package. | type.]function\_name

 Right Click to go back.

**[****using\_index\_clause]**

USING INDEX {[schema.]index | (create\_index\_statement) | index\_properties}

 Right Click to go back.

**[****using\_statistics\_type]**

USING {[schema.]statistics\_type | NULL}

 Right Click to go back.

**[****using\_type\_clause]**

USING [schema.]implementation\_type [[array\_DML\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#array_DML_clause)]

 Right Click to go back.

**[****validation\_clauses]**

{VALIDATE REF UPDATE [SET DANGLING TO NULL] | VALIDATE STRUCTURE [CASCADE] [[into\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#into_clause)] {OFFLINE | ONLINE}}

 Right Click to go back.

**[****values\_clause]**

VALUES ({[expr](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#expr) | DEFAULT},…)

 Right Click to go back.

**[****varrary\_col\_properties]**

VARRAY varray\_item [[substitutable\_column\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#substitutable_column_clause)] STORE AS LOB LOB\_segname ([LOB\_parameters](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#LOB_parameters)) | [substitutable\_column\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#substitutable_column_clause)

 Right Click to go back.

**[****where\_clause]**

WHERE condition

 Right Click to go back.

**[****windowing\_clause]**

{ROWS | RANGE} {BETWEEN {UNBOUNDED PRECEDING | CURRENT ROW | value\_expr {PRECEDING | FOLLOWING}} AND {UNBOUNDED FOLLOWING | CURRENT ROW | value\_expr {PRECEDING | FOLLOWING}}

 Right Click to go back.

**[****XML\_attributes\_clause]**

XMLATTRIBUTES (value\_expr [AS c\_alias],value\_expr…)

 Right Click to go back.

**[****XMLSchema\_spec]**

[XMLSCHEMA XMLSchema\_URL] ELEMENT {element | XMLSchema\_URL # element}

 Right Click to go back.

**[****XMLType\_column\_properties]**

XMLTYPE [COLUMN] column [[XMLType\_storage](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#XMLType_storage)] [[XMLSchema\_spec](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#XMLSchema_spec)]

 Right Click to go back.

**[****XMLType\_storage]**

STORE AS {OBJECT RELATIONAL} | CLOB LOB\_segname ([LOB\_parameters](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#LOB_parameters)) | [LOB\_parameters](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#LOB_parameters)

 Right Click to go back.

**[****XMLType\_table]**

CREATE TABLE [GLOBAL TEMPORARY] TABLE [schema.]table OF XMLTYPE [([object\_properties](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#object_properties))] [XMLTYPE [XMLType\_storage](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#XMLType_storage)] [[XMLSchema\_spec](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#XMLSchema_spec)] [ON COMMIT {DELETE | PRESERVE} ROWS] [[OID\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#OID_clause)] [[OID\_index\_clause](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#OID_index_clause)] [[physical\_properties](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#physical_properties)] [[table\_properties](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#table_properties)]

 Right Click to go back.

**[****XMLType\_view\_clause]**

OF XMLTYPE [[XMLSchema\_spec](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#XMLSchema_spec)] WITH OBJECT IDENTIFIER {DEFAULT | ([expr](http://www.iselfschooling.com/mcd12_ora10g/Oracle_SQL_Syntax.htm#expr),…)}

Oracle Functions

|  |
| --- |
| **ABS(n)**  Absolute value of number    **ACOS(n)**  arc cosine of n    **ADD\_MONTHS(date,num\_months)**  Returns date + num\_months    **ASCII(char)**  Converts char into a decimal ascii code    **ASIN(n)**  arc sine of n.    **ATAN(n)**  arc tangent of n.    **ATAN2(n.m)**  arc tangent of n and m.    **AVG([DISTINCT]n)**  Averge value of 'n' ignoring NULLs    **BETWEEN value AND value**  Where 'x' between 25 AND 100    **BFILENAME('directory','filename')**  Get the BFILE locator associated with a physical LOB binary file    **CEIL(n)**  Round n up to next whole number    **CHARTOROWID(char)**  Converts a Char into a rowid value.    **CHR(n)**  Character with value n    **CONCAT(s1,s2)**  Concatenate string1 and string2    **CONVERT** **(char\_to\_convert, new\_char\_set, old\_char\_set)**  Convert character sets    **COS(n)**  Cosine of number    **COSH(n**)  Hyperbolic Cosine of number    **COUNT(\*)**  Count the no of rows returned    **COUNT([DISTINCT] expr)**  Count the no of rows returned by expr    **DECODE**  IF x THEN return y ELSE return z    **DENSE\_RANK**  Calculate the rank of a value in a group    **DEREF(e)**  Return the object reference of argument e.    **DUMP(expr,fmt[,start,length])**  Convert to dec/hex/oct and display char set    **EMPTY\_BLOB**  Return an empty LOB locator (use to empty a column or variable)    **EMPTY\_CLOB**  Return an empty LOB locator (use to empty a column or variable)    **EXISTS**  Return TRUE if a subquery returns at least one row    **EXP(n)**  Exponential (e to 'n'th power)    **FLOOR(n)**  Round n down to the next whole number.    **GREATEST(expression, expression...)**  Returns the largest in a list of expressions.    **GROUPING**  Grouping for superaggregate rows=NULL (see GROUP BY ROLLUP/CUBE)    **HEXTORAW(char)**  Convert char containing hex digits to a raw value.    **IN (list of comma separated values)**  Effectively a shorthand for ['x' = y OR 'x' = z...] i.e. Where 'x' IN ('sales','marketing','recruitment')    **INITCAP(char)**  String with Initial Capitals    **INSTR(str, chars[,s[,n]])**  Find the 'n'th occurence of 'chars' in 'str' Starting at position 's' n and s default to 1    **INSTRB (str, chars[,s[,n]])**  The same as INSTR, except that 's' and the return value are expressed in bytes, use for double-byte char sets    **IS [NOT] NULL**  Check for NULL (empty) values Where 'x' IS NULL;    **LAST\_DAY(date)**  Returns the last day of month in Date    **LEAST(expression, expression...)**  Returns the smallest in a list of expressions    **LENGTH(char**)  Returns the number of characters in char    **LENGTHB(char)**  Returns the number of bytes in char (use for double-byte char sets)    **LIKE wildcard/value**  Wildcards are [% = any chars] [ \_ = any one char]Where 'x' LIKE 'smith%' [will find 'Smithson'] Where 'x' LIKE 'smith\_' [will find 'Smithy']    **LN(n)**  Natural Log of n, where n>0    **LOG(b,n)**  log of n, base b    **LOWER(char)**  Returns Chars in lowercase    **LPAD(char, n[,PadChar])**  Left Pad char with n spaces [or PadChars] LTRIM(char[,set])Left Trim char - remove leading spaces [or char set]    **MAKE\_REF(table,key)**  Create a REF to a row of an OBJECT view/table    **MAX([DISTINCT] expr)**  Maximum value returned by expr    **MIN([DISTINCT] expr)**  Minimum value returned by expr    **MOD(x,y)**  Remainder of x divided by y    **MONTHS\_BETWEEN(end\_date, start\_date)**  Number of months between the 2 dates (integer)    **NEW\_TIME** **(date, zone1, zone2)**  Convert between GMT and US time zones (but not CET)    **NEXT\_DAY(date,day\_of\_week)**  '12-OCT-01','Monday' will return the next Mon after 12 Oct    **NLS\_CHARSET\_DECL\_LEN**  **(bytecount,charset)**  Returns the declaration width (no of chars) of an NCHAR column    **NLS\_CHARSET\_ID** **(varchars)**  Returns the char set ID given a charset name    **NLS\_CHARSET\_NAME(charset\_id)**  Returns the char set name given a charset id    **NLS\_INITCAP(char[,'NLS\_SORT = sort\_sequence'])**  Returns char in Initial Caps, using an NLS sort\_sequence either the session default or specified directly    **NLS\_LOWER(char[,'NLS\_SORT = sort\_sequence'])**  Returns char in lower case, using an NLS sort\_sequence either the session default or specified directly    **NLSSORT(char[,'NLS\_SORT = sort\_sequence'])**  Return the string of bytes used to sort char, using an NLS sort\_sequence either the session default or specified directly    **NLS\_UPPER** **(char[,'NLS\_SORT = sort\_sequence'])**  Returns char in UPPER case, using an NLS sort\_sequence either the session default or specified directly    **NVL(expression, value\_if\_null)**  If *expression* is null, returns *value\_if\_null*; if *expression* is not null, returns *expression*. The arguments can have any datatype (Oracle will perform implicit conversion where needed).    **PERCENT\_RANK**  Calculate the percent rank of a value in a group.    **POWER(m,n)**  m raised to the nth power    **RANK**  Calculate the rank of a value in a group    **RAWTOHEX(raw)**  Convert raw to a character value containing its hex equivalent    **REF(table\_alias)**  Returns a REF value for an object instance (bound to the variable or row.) The table alias (correlation variable) is associated with one row of an object table or an object view in an SQL statement.    **REFTOHEX(ref)**  Convert ref (object type) to a char value containing its hex equivalent.    **REPLACE(char, search\_str[, replace\_str])**  ANSI alternative to decode() Replace every occurrence of search\_str with replace\_str, replace\_str defaults to null.    **ROUND(n,d)**  n rounded to d decimal places (d defaults to 0)    **ROUND(date,fmt)**  date rounded to fmt    **ROWIDTOCHAR(rowid)**  Convert a rowid value to VARCHAR2    **ROW\_NUMBER**  Assign a unique number to each row of results.    **RPAD(char, n[,PadChar])**  Right Pad char with n spaces [or PadChars]    **RTRIM(char[,set])**  Right Trim char - remove trailing spaces [or char set]    **SIGN(n)**  positive = 1, zero = 0, negative = -1    **SIN(n)**  Sine of n in Radians    **SINH(n)**  Hyperbolic Sine of n in Radians    **SOUNDEX(char)**  Returns a char value representing the sound of the words    **SQRT(n)**  Square Root (returns NULL for negative no's)    **STDDEV([DISTINCT] n)**  Standard deviation of n    **SUBSTR(char, s[,l])**  A substring of char, starting at character s, length l    **SUBSTRB(char, s[,l])**  A substring of char, starting at character s, length l. The same as SUBSTR, except that 's', 'l' and the return value are expressed in bytes, use for double-byte char sets    **SUM([DISTINCT] n)**  Sum of values of n, ignoring NULLs    **SYS\_CONTEXT('namespace','attribute\_name')**  Examine the package associated with the context *namespace.*  Possible attributes are:  NLS\_TERRITORY,  NLS\_CURRENCY, NLS\_CALENDAR,  NLS\_DATE\_FORMAT,  NLS\_DATE\_LANGUAGE,  NLS\_SORT,  SESSION\_USER ,  CURRENT\_USER ,  CURRENT SCHEMAID,  SESSION\_USERID,  CURRENT\_USERID,  CURRENT\_SCHEMA    note: CURRENT\_USER may be different from SESSION\_USER within a stored procedure (e.g an invoker-rights procedure).    **SYS\_GUID()**  Returns a globally unique identifier (16 byte RAW value)    **SYSDATE**  The current system date & time    **TAN(n)**  Tangent of n in Radians    **TANH(n)**  Hyperbolic tangent of n in Radians    **TO\_CHAR**  Convert to character String    **TO\_DATE**  Convert to date value    **TO\_LOB(long)**  Convert LONG values to CLOB or NCLOB values or convert LONG RAW values to BLOB values. Use only as part of an "INSERT INTO ... SELECT..." subquery.    **TO\_MULTI\_BYTE(char)**  Convert single-byte char to multi-byte char.    **TO\_NUMBER**  Convert to numeric format    **TO\_SINGLE\_BYTE(char)**  Convert multi-byte char to single-byte char.    **TRANSLATE('char','search\_str','replace\_str')**  Replace every occurrence of search\_str with replace\_str unlike REPLACE() if replace\_str is NULL the function returns NULL    **TRANSLATE (text USING charset)**  Convert text into a specific character set. Use this instead of CONVERT () if either the input or output datatype is NCHAR or NVARCHAR2.    **TRIM** **(LEADING|TRAILING|BOTH trim\_char FROM trim\_source)**  Returns trim\_source as a VARCHAR2 with leading/trailing items removed trim\_char defaults to a space ' ' but may be numeric or char 'A' TRUNC (i,d) i truncated to d decimal places (d defaults to 0)    **TRUNC** **(date,fmt)**  date truncated to nearest fmt    **UID**  User id - unique number    **UPPER** **(char)**  Returns Chars in uppercase    **USER**  Returns the current Username    **USERENV** **('option')**  Can return any of the options: ENTRYID, SESSIONID, TERMINAL, LANGUAGE, ISDBA, LANG, INSTANCE, CLIENT\_INFO    **VALUE** **(correlation\_variable)**  Return the object instance for a row of an object table as associated with the correlation\_variable (table alias)    **VARIANCE** **([DISTINCT] n)**  Variance of n, ignoring NULLs    **VSIZE** **(expr)**  Value Size - returns the number of bytes used by each row of expr. |

## SELECT Syntax statement

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| --- |
| SELECT [hint][DISTINCT] *select\_list*  FROM *table\_list*  [WHERE *conditions*]  [GROUP BY *group\_by\_list*]  [HAVING *search\_conditions*]  [ORDER BY *order\_list* [ASC | DESC] ]  [FOR UPDATE *for\_update\_options*]    ***select\_list*** column1, column2, column3  table.column1, table.column2  table.column1 C\_1\_Alias, table.column2 C\_2\_Alias  schema.table.column1 Col\_1\_Alias, schema.table.column2 c\_2\_Alias  schema.table.\*  \*  expr1, expr2    (subquery [WITH READ ONLY | WITH CHECK OPTION [CONSTRAINT constraint]])    In the *select\_list*s above, 'table' may be replaced with view or snapshot. Using the \* expression will return all columns. If a Column\_Alias is specified this will appear at the top of any column headings in the query output.    **FROM *table\_list*** Contains a list of the tables from which the result set data is retrieved.  [schema.]{table | view | snapshot}[@dblink] [t\_alias]  When selecting from a table you can also specify Partition and/or Sample clauses e.g. [schema.]table [PARTITION (partition)] [SAMPLE (sample\_percent)]    **WHERE *search\_conditions*** A filter that defines the conditions each row in the source table(s) must meet to qualify for the SELECT. Only rows that meet the conditions will be included in the result set. The WHERE clause can also contain inner and outer join specifications (SQL1989 standard). e.g.  WHERE tableA.column = tableB.column  WHERE tableA.column = tableB.column(+)  WHERE tableA.column(+) = tableB.column    **GROUP BY *group\_by\_list***The GROUP BY clause partitions the result set into groups. The *group\_by\_list* may be one or more columns or expressions and may optionally include the CUBE / ROLLUP keywords for creating crosstab results.    **Heirarchical Queries** Any query that does \*not\* include a GROUP BY clause may include a CONNECT BY heirarchy clause:  [START WITH condition] CONNECT BY condition  HAVING *search\_conditions* An additional filter - the HAVING clause acts as an additional filter to the **grouped** result rows - as opposed to the WHERE clause that applies to individual rows. The HAVING clause is most commonly used in conjunction with a GROUP BY clause.  **ORDER BY *order\_list* [ ASC | DESC ] [ NULLS { FIRST | LAST } ]** The ORDER BY clause defines the order in which the rows in the result set are sorted. *order\_list* specifies the result set columns that make up the sort list. The ASC and DESC keywords are used to specify if the rows are sorted ascending (1...9 a...z) or descending (9...1 z...a).  You can sort by any column even if that column is not actually in the main SELECT clause. If you do not include an ORDER BY clause then the order of the result set rows will be unpredictable (random or quasi random).  **FOR UPDATE *options*** - this locks the selected rows (Oracle will normally wait for a lock unless you spacify NOWAIT)  FOR UPDATE [OF [ [schema.]{table|view}.] column] [NOWAIT]    **Writing a SELECT statement**  The clauses (SELECT ... FROM ... WHERE ... HAVING ... ORDER BY ... ) must be in this order.    **SELECT command { UNION | UNION ALL | INTERSECT | MINUS }** **SELECT command** ] |

## INSERT Syntax Statement

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| --- |
| INSERT [hint] INTO [schema.] table [@dblink] [t\_alias] (column, column,...)  VALUES (expression)    INSERT [hint] INTO [schema.] table  [[SUB]PARTITION (ptn\_name)] [t\_alias] (column, column,...)  VALUES (expression)    INSERT [hint] INTO subquery  WITH [READ ONLY | CHECK OPTION [CONSTRAINT constraint] ]  [t\_alias] (column, column,...)  VALUES (expression)    *VALUES(expression)* can be expanded to    VALUES ([expr, expr...] [subquery])  [RETURNING expr, expr... INTO host\_variable|plsql\_variable] |

## UPDATE Syntax Statement

|  |
| --- |
| UPDATE [hint] [schema.]**table** [@dblink] [alias]  [ WITH {READ ONLY | CHECK OPTION [CONSTRAINT constraint]} ]  SET *col\_expr(s)*  [WHERE condition]  [ RETURNING (expr,...) INTO (data\_item,...) ]    UPDATE [hint] [schema.]**table** [[SUB]**PARTITION** partition] [alias]  [ WITH {READ ONLY | CHECK OPTION [CONSTRAINT constraint]} ]  SET *col\_expr(s)*  [WHERE condition]  [ RETURNING (expr,...) INTO (data\_item,...) ]    UPDATE [hint] [schema.]**view** [@dblink] [alias]  [ WITH {READ ONLY | CHECK OPTION [CONSTRAINT constraint]} ]  SET *col\_expr(s)* [WHERE condition]    UPDATE [hint] [schema.]**snapshot** [@dblink] [alias]  [ WITH {READ ONLY | CHECK OPTION [CONSTRAINT constraint]} ]  SET *col\_expr(s)* [WHERE condition]    *col\_expr*:  column = expression  column = (subquery)  (column, column,...) = (subquery)  VALUE (table\_alias) = expression  VALUE (table\_alias) = (subquery)    To update multiple columns, separate *col\_expr* with commas. The terms "snapshot" and "materialized view" are synonymous. |

## DELETE Syntax Statement

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| DELETE [FROM] [schema.] **table** [@dblink] [alias]  WHERE (condition)  [RETURNING expr INTO DATA\_ITEM]    DELETE [FROM] [schema.] **table** [SUB]PARTITION partition [alias]  WHERE (condition)  [RETURNING expr INTO DATA\_ITEM]    DELETE [FROM] [schema.] **view** [@dblink] [alias]  WHERE (condition)  [RETURNING expr INTO DATA\_ITEM]    DELETE [FROM] **subquery** [WITH READ ONLY] [alias]  WHERE (condition)  [RETURNING expr INTO DATA\_ITEM]    DELETE [FROM] **subquery** [WITH CHECK OPTION] [CONSTRAINT constraint] [alias]  WHERE (condition)  [RETURNING expr INTO DATA\_ITEM]    **Example:** The following example returns column es\_salary from the deleted rows and stores the result in bind array :1    DELETE FROM employee  WHERE emp\_no = 1075 AND commission = 50  RETURNING salary INTO :1; |

## ALTER DATABASE Syntax Statement

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| ALTER DATABASE  Open an existing database, and /or modify associated files.  **ALTER DATABASE database\_name *options***  *options* can be any combination of the following:  *open / mount options:*  MOUNT  MOUNT STANDBY DATABASE  MOUNT CLONE DATABASE  MOUNT PARALLEL  MOUNT STANDBY DATABASE  CONVERT  OPEN [READ ONLY]  OPEN [READ WRITE] RESETLOGS|NORESETLOGS  ACTIVATE STANDBY DATABASE  [NATIONAL] CHARACTER SET char\_set    *archivelog options:*  ARCHIVELOG  NOARCHIVELOG    *backup and recovery options:*  BACKUP CONTROLFILE TO 'filename' [REUSE]  BACKUP CONTROLFILE TO TRACE  BACKUP CONTROLFILE TO TRACE RESETLOGS  CREATE STANDBY CONTROLFILE AS 'filename' [REUSE]  RENAME FILE 'data\_file\_name' TO 'data\_file\_name'  RENAME FILE 'redolog\_file\_name' TO 'redolog\_file\_name'  RECOVER recover\_clause  DATAFILE 'filename' END BACKUP    *Datafile options:*  CREATE DATAFILE 'filename' AS filespec  DATAFILE 'filename' ONLINE  DATAFILE 'filename' OFFLINE [DROP]  DATAFILE 'filename' RESIZE int K | M  DATAFILE 'filename' AUTOEXTEND OFF  DATAFILE 'filename' AUTOEXTEND ON [NEXT int K | M] [MAXSIZE int K | M]  DATAFILE 'filename' END BACKUP  TEMPFILE 'filename' ONLINE  TEMPFILE 'filename' OFFLINE  TEMPFILE 'filename' DROP  TEMPFILE 'filename' RESIZE int K | M  TEMPFILE 'filename' AUTOEXTEND OFF  TEMPFILE 'filename' AUTOEXTEND ON [NEXT int K | M] [MAXSIZE int K | M]    *redo log options:*  ADD LOGFILE [THREAD int] [GROUP int] filespec  ADD LOGFILE MEMBER 'filename' [REUSE] TO GROUP int  ADD LOGFILE MEMBER 'filename' [REUSE] TO 'filename'  DROP LOGFILE GROUP int  DROP LOGFILE ('filename')  DROP LOGFILE MEMBER 'filename'  CLEAR [UNARCHIVED] LOGFILE GROUP int [UNRECOVERABLE DATAFILE]  CLEAR [UNARCHIVED] LOGFILE ('filename') [UNRECOVERABLE DATAFILE]    *Parallel server options:*  CREATE STANDBY CONTROLFILE AS 'filename' [REUSE]  SET DBLOW = 'text'  SET DBHIGH = 'text'  SET DBMAC = ON | OFF  ENABLE [PUBLIC] THREAD int  DISABLE THREAD int    *Backwards compatibility options:*  RENAME GLOBAL\_NAME TO database [domain]  RESET COMPATIBILITY    database\_name is defined when the database is created - it is normally set to the same as the database SID.  Some of the commands above can only be used when the database is in a particular state:  MOUNT, CONVERT - Require that the db is Not Mounted.  ARCHIVELOG, NOARCHIVLOG, RECOVER - Require that the db is Mounted but not open (must be mount exclusive - not mount parallel).  ENABLE, DISABLE, RENAME GLOBAL\_NAME, RESET, SET - Require that the db is Open.  All other options will work with the db mounted, open or closed as long as none of the files involved are 'in use' |

## ALTER RESOURCE COST Syntax Statement

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| --- |
| ALTER RESOURCE COST option(s)    options are any combination of    CPU\_PER\_SESSION int  CONNECT\_TIME int  LOGICAL\_READS\_PER\_SESSION int  PRIVATE\_SGA int  int is the integer weight applied to each option  The units being costed are CPU = 1/100 sec connect\_time = 1/100 sec SGA = bytes |

## ALTER SESSION Syntax Statement

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| --- |
| ALTER SESSION ADVISE {COMMIT | ROLLBACK | NOTHING}  ALTER SESSION CLOSE DATABASE LINK link\_name  ALTER SESSION {ENABLE | DISABLE} COMMIT IN PROCEDURE  ALTER SESSION {ENABLE | DISABLE | FORCE} PARALLEL {DML|DDL|QUERY} [PARALLEL int]  ALTER SESSION SET option(s)    options:  CONSTRAINT[S] {IMMEDIATE|DEFERRED|DEFAULT}  CREATE\_STORED\_OUTLINES = {TRUE | FALSE| 'category\_name' }  CURRENT\_SCHEMA = schema  CURSOR\_SHARING = {FORCE | EXACT}    DB\_BLOCK\_CHECKING = {TRUE | FALSE}  DB\_FILE\_MULTIBLOCK\_READ\_COUNT = int    FAST\_START\_IO\_TARGET = int  FLAGGER = {ENTRY | INTERMEDIATE | FULL | OFF}    GLOBAL\_NAMES = {TRUE | FALSE}    HASH\_AREA\_SIZE = int  HASH\_JOIN\_ENABLED = {TRUE | FALSE}  HASH\_MULTIBLOCK\_IO\_COUNT = int    INSTANCE = int  ISOLATION\_LEVEL = {SERIALIZABLE | READ\_COMMITTED}    LABEL = {'text' | DBLOW | DBHIGH | OSLABEL}  LOG\_ARCHIVE\_DEST\_*n* (read the Oracle8i Reference for more on this)  LOG\_ARCHIVE\_DEST\_STATE\_*n* = {ENABLE | DEFER}  LOG\_ARCHIVE\_MIN\_SUCCEED\_DEST = int    MAX\_DUMP\_FILE\_SIZE = { size | UNLIMITED }    NLS\_CALENDAR = 'text'  NLS\_COMP = 'text'  NLS\_CURRENCY = 'text'  NLS\_DATE\_FORMAT = 'fmt'  NLS\_DATE\_LANGUAGE = language  NLS\_DUAL\_CURRENCY = 'text'  NLS\_ISO\_CURRENCY = territory  NLS\_LANGUAGE = language  NLS\_NUMERIC\_CHARACTERS = 'text'  NLS\_SORT = {sort | BINARY}  NLS\_TERRITORY = territory    OBJECT\_CACHE\_MAX\_SIZE\_PERCENT = int  OBJECT\_CACHE\_OPTIMAL\_SIZE = int  OPTIMIZER\_INDEX\_CACHING = int  OPTIMIZER\_INDEX\_COST\_ADJ = int  OPTIMIZER\_MAX\_PERMUTATIONS = int  OPTIMIZER\_MODE = {ALL\_ROWS | FIRST\_ROWS | RULE | CHOOSE}  OPTIMIZER\_PERCENT\_PARALLEL = int    PARALLEL\_BROADCAST\_ENABLED = {TRUE | FALSE}  PARALLEL\_INSTANCE\_GROUP = ' text '  PARALLEL\_MIN\_PERCENT = int  PARTITION\_VIEW\_ENABLED = {TRUE | FALSE}  PLSQL\_V2\_COMPATIBILITY = {TRUE | FALSE}    QUERY\_REWRITE\_ENABLED = {TRUE | FALSE}  QUERY\_REWRITE\_INTEGRITY = {enforced | trusted | stale\_tolerated}    REMOTE\_DEPENDENCIES\_MODE = {TIMESTAMP | SIGNATURE}    SESSION\_CACHED\_CURSORS = int  SKIP\_UNUSABLE\_INDEXES = {TRUE | FALSE}  SORT\_AREA\_RETAINED\_SIZE = int  SORT\_AREA\_SIZE = integer  SORT\_MULTIBLOCK\_READ\_COUNT = int  SQL\_TRACE = {TRUE | FALSE}  STAR\_TRANSFORMATION\_ENABLED = {TRUE | FALSE}    TIMED\_STATISTICS = {TRUE | FALSE}    USE\_STORED\_OUTLINES = {TRUE | FALSE| 'category\_name' }      Version 7 Options - now obsolete in v8  CLOSE\_CACHED\_OPEN\_CURSORS = {TRUE | FALSE}  NLS\_ISO\_CURRENCY = territory  MLS\_LABEL\_FORMAT = 'fmt'  OPTIMISER\_GOAL - is now OPTIMISER\_MODE  SCHEMA=schema\_name |

## ALTER SYSTEM Syntax Statement

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| ALTER SYSTEM ARCHIVE LOG archive\_log\_clause  ALTER SYSTEM CHECKPOINT [GLOBAL | LOCAL]  ALTER SYSTEM CHECK DATAFILES [GLOBAL | LOCAL]  ALTER SYSTEM FLUSH SHARED POOL  ALTER SYSTEM SWITCH LOGFILE  ALTER SYSTEM {ENABLE | DISABLE} DISTRIBUTED RECOVERY  ALTER SYSTEM {ENABLE | DISABLE} RESTRICTED SESSION  ALTER SYSTEM {SUSPEND | RESUME}  ALTER SYSTEM SHUTDOWN [IMMEDIATE] dispatcher\_name  ALTER SYSTEM KILL SESSION 'int1, int2' [POST TRANSACTION] [IMMEDIATE]  ALTER SYSTEM DISCONNECT SESSION 'int1, int2' [IMMEDIATE]  ALTER SYSTEM SET *option(s)*    *options:*  AQ\_TM\_PROCESSES = int    BACKGROUND\_DUMP\_DEST = 'text'  BACKUP\_TAPE\_IO\_SLAVES = {TRUE | FALSE} DEFERRED    CONTROL\_FILE\_RECORD\_KEEP\_TIME = int  CORE\_DUMP\_DEST = 'text'  CREATE\_STORED\_OUTLINES = {TRUE | FALSE | 'category\_name' } [NOOVERRIDE]  CURSOR\_SHARING = {force|exact}    DB\_BLOCK\_CHECKING = {TRUE | FALSE} DEFERRED  DB\_BLOCK\_CHECKSUM = {TRUE | FALSE}  DB\_BLOCK\_MAX\_DIRTY\_TARGET = int  DB\_FILE\_DIRECT\_IO\_COUNT = int DEFERRED  DB\_FILE\_MULTIBLOCK\_READ\_COUNT = int    FAST\_START\_IO\_TARGET = int  FAST\_START\_PARALLEL\_ROLLBACK = {FALSE | LOW | HIGH}  FIXED\_DATE = { 'DD\_MM\_YY' | 'YYYY\_MI\_DD\_HH24\_MI-SS' }    GC\_DEFER\_TIME = int  GLOBAL\_NAMES = {TRUE | FALSE}    HASH\_MULTIBLOCK\_IO\_COUNT = int  HS\_AUTOREGISTER = {TRUE | FALSE}    JOB\_QUEUE\_PROCESSES = int    LICENSE\_MAX\_SESSIONS = int  LICENSE\_MAX\_USERS = int  LICENSE\_SESSIONS\_WARNING = int  LOG\_ARCHIVE\_DEST = string  LOG\_ARCHIVE\_DEST\_*n* = {null\_string |  {LOCATION=local\_pathname | SERVICE=tnsnames\_service}  [MANDATORY | OPTIONAL] [REOPEN[=integer]]}  LOG\_ARCHIVE\_DEST\_STATE\_n = {ENABLE | DEFER}  LOG\_ARCHIVE\_DUPLEX\_DEST = string  LOG\_ARCHIVE\_MAX\_PROCESSES = int  LOG\_ARCHIVE\_MIN\_SUCCEED\_DEST = int  LOG\_ARCHIVE\_TRACE = int  LOG\_CHECKPOINT\_INTERVAL = int  LOG\_CHECKPOINT\_TIMEOUT = int    MAX\_DUMP\_FILE\_SIZE = { size | 'unlimited'} [DEFERRED]  MTS\_DISPATCHERS = dispatcher\_clause  MTS\_SERVERS = int    OBJECT\_CACHE\_MAX\_SIZE\_PERCENT = int DEFERRED  OBJECT\_CACHE\_OPTIMAL\_SIZE = int DEFERRED  OPTIMIZER\_MAX\_PERMUTATIONS = int NOOVERRIDE    PARALLEL\_ADAPTIVE\_MULTI\_USER = {TRUE | FALSE}  PARALLEL\_INSTANCE\_GROUP = 'text'  PARALLEL\_THREADS\_PER\_CPU = int  PLSQL\_V2\_COMPATIBILITY = {TRUE | FALSE} [DEFERRED]    QUERY\_REWRITE\_ENABLED = {TRUE | FALSE} [DEFERRED | NOOVERRIDE]  QUERY\_REWRITE\_INTEGRITY = {ENFORCED | TRUSTED | STALE\_TOLERATED}    REMOTE\_DEPENDENCIES\_MODE = {TIMESTAMP | SIGNATURE}  RESOURCE\_LIMIT = {TRUE | FALSE}  RESOURCE\_MANAGER\_PLAN = plan\_name    SORT\_AREA\_RETAINED\_SIZE = int DEFERRED  SORT\_AREA\_SIZE = int DEFERRED  SORT\_MULTIBLOCK\_READ\_COUNT = int DEFERRED  STANDBY\_ARCHIVE\_DEST = string    TIMED\_STATISTICS = {TRUE | FALSE}  TIMED\_OS\_STATISTICS = int  TRANSACTION\_AUDITING = {TRUE | FALSE} DEFERRED    USE\_STORED\_OUTLINES = {TRUE | FALSE| 'category\_name' } [NOOVERRIDE]  USER \_DUMP\_DEST = 'directory\_name'    Oracle 7 options now obsolete in v8  CACHE\_INSTANCES = int  SCAN\_INSTANCES = int |

## ALTER TABLE Syntax Statement

|  |
| --- |
| Change the properties of an existing table.  ALTER TABLE [schema.]table RENAME TO new\_table\_name    ALTER TABLE [schema.]table  [ [NO]MINIMISE RECORDS PER BLOCK ]  [PARALLEL parallel\_clause]  [ENABLE enable\_clause | DISABLE disable\_clause]  [{ENABLE|DISABLE} TABLE LOCK]  [{ENABLE|DISABLE} ALL TRIGGERS]    **ALTER** **TABLE** [schema.]table  *iot\_overflow\_clause*  [PARALLEL parallel\_clause]  [ENABLE enable\_clause | DISABLE disable\_clause]  [{ENABLE|DISABLE} TABLE LOCK]  [{ENABLE|DISABLE} ALL TRIGGERS]    **ALTER** **TABLE** [schema.]table  partitioning\_clause  [PARALLEL parallel\_clause]  [ENABLE enable\_clause | DISABLE disable\_clause]  [{ENABLE|DISABLE} TABLE LOCK]  [{ENABLE|DISABLE} ALL TRIGGERS]    **ALTER** **TABLE** [schema.]table  *tbl\_defs*,...  [PARALLEL parallel\_clause]  [ENABLE enable\_clause | DISABLE disable\_clause]  [{ENABLE|DISABLE} TABLE LOCK]  [{ENABLE|DISABLE} ALL TRIGGERS]    *tbl\_defs*:  ADD [column datatype] [DEFAULT expr] [column\_constraint(s)]  [table\_constraint] [table\_ref\_constraint]    MODIFY [column datatype] [DEFAULT expr] [column\_constraint(s)]    MODIFY [table\_constraint]    *drop\_column\_clause*    DROP drop\_constraint\_clause    [PCTFREE int][PCTUSED int][INITTRANS int]  [MAXTRANS int][STORAGE storage\_clause]    *extent\_options*    MOVE [ONLINE] *storage\_options* INDEX *index\_organized\_tbl\_clause*  [LOB\_storage\_clause][varray\_clause]    LOGGING|NOLOGGING    MODIFY NESTED TABLE collection\_item RETURN AS {LOCATOR|VALUE }    MODIFY LOB [LOB\_storage\_clause]    MODIFY VARRAY [varray\_clause]    CACHE | NOCACHE    MONITORING | NOMONITORING    *storage\_options*:  PCTFREE int  PCTUSED int  INITTRANS int  MAXTRANS int  STORAGE storage\_clause  TABLESPACE tablespace  [LOGGING|NOLOGGING]    *extent\_options:*  ALLOCATE EXTENT [( [size int K | M ]  [DATAFILE 'filename' ] [INSTANCE int] )]  DEALLOCATE UNUSED [KEEP int K | M ]    *index\_organized\_tbl\_clause*:  *storage\_option(s)* [PCTTHRESHOLD int]  [COMPRESS int|NOCOMPRESS]  [ [INCLUDING column\_name] OVERFLOW [*storage\_option(s)*] ]    *iot\_overflow\_clause*:  {PCTTHRESHOLD int | INCLUDING column} |  OVERFLOW *overflow\_storage\_clause*  ADD OVERFLOW [*storage\_options*] [(PARTITION *storage\_options*)]    *overflow\_storage\_clause*:  PCTFREE int  PCTUSED int  INITTRANS int  MAXTRANS int  *extent\_options*  STORAGE storage\_clause  [LOGGING|NOLOGGING]    *nested\_storage\_clause*:  NESTED TABLE nested\_item STORE AS storage\_table  [RETURN AS {LOCATOR|VALUE }]    *drop\_column\_clause*:  SET UNUSED (column,...)  [CASCADE CONSTRAINTS][INVALIDATE]    DROP COLUMN (column,...)  [CASCADE CONSTRAINTS][INVALIDATE] CHECKPOINT int    DROP {UNUSED COLUMNS|COLUMNS CONTINUE} [CHECKPOINT int] |

## ANALYZE syntax Statement

|  |
| --- |
| Update CBO (Cost Based Optimiser) statistics.  **ANALYZE TABLE tablename** COMPUTE | ESTIMATE | DELETE STATISTICS *ptnOption* *options*    **ANALYZE INDEX indexname** COMPUTE | ESTIMATE | DELETE STATISTICS *ptnOption options*    **ANALYZE CLUSTER clustername** COMPUTE | ESTIMATE | DELETE STATISTICS *options*    *ptnOption*  PARTITION (partion)  SUBPARTITION (subpartition)    *options*  VALIDATE STRUCTURE [CASCADE] [INTO tablename]  LIST CHAINED ROWS [INTO tablename]  COMPUTE|ESTIMATE STATISTICS FOR TABLE  COMPUTE|ESTIMATE STATISTICS FOR ALL COLUMNS  COMPUTE|ESTIMATE STATISTICS FOR ALL INDEXED COLUMNS  COMPUTE|ESTIMATE STATISTICS FOR COLUMNS [SIZE int] column [SIZE int]    When Estimating statistics you can optionally specify  ... ESTIMATE STATISTICS SAMPLE n ROWS  ... ESTIMATE STATISTICS SAMPLE n PERCENT  Validate structure will perform an integrity check - and will therefore lock the table/index/cluster while it is running. If the INTO clause is used to store a list of chained rows in a table - the default tablename is CHAINED\_ROWS |

## ASSOCIATE STATISTICS

|  |
| --- |
| ASSOCIATE STATISTICS WITH  COLUMNS [schema.]table\_column,...  USING [schema.]statistics\_type;    ASSOCIATE STATISTICS WITH  object [schema.]object\_name,...  *cost\_usage\_clause*;    Where object is any of    FUNCTIONS  PACKAGES  TYPES  INDEXES  INDEXTYPES    *cost\_usage\_clause*s:  USING [schema.]statistics\_type  DEFAULT COST (cpu\_cost, io\_cost, network\_cost)  DEFAULT SELECTIVITY default\_selectivity |

## AUDIT syntax Statement

|  |
| --- |
| Audit an SQL statement or accesss to a specific database object.  AUDIT ALL | ALL PRIVILEGES | sql\_statement | system\_priv [options]  options  BY user  BY proxy [ON BEHALF OF ANY|user]  BY ACCESS|SESSION [WHENEVER [NOT] SUCCESSFUL]    Auditing Objects  To audit an object use the modified syntax    AUDIT *action* on schema.object BY ACCESS|SESSION [WHENEVER [NOT] SUCCESSFUL]    AUDIT *action* on DEFAULT BY ACCESS|SESSION [WHENEVER [NOT] SUCCESSFUL]    AUDIT *action* on DIRECTORY dir\_name BY ACCESS|SESSION [WHENEVER [NOT] SUCCESSFUL]    Where *actions* is any of  ALTER, AUDIT, COMMENT, DELETE, EXECUTE, GRANT,  INDEX, INSERT, LOCK, RENAME, SELECT, UPDATE    You must first enable auditing with the init.ora parameter AUDIT\_TRAIL = YES |

## CREATE INDEX Syntax Statement

|  |
| --- |
| CREATE [UNIQUE|BITMAP] INDEX [schema.]index  ON [schema.]TABLE [tbl\_alias]  (**col** [ASC | DESC]) *index\_clause index\_attribs*    CREATE [UNIQUE|BITMAP] INDEX [schema.]index  ON [schema.]TABLE [tbl\_alias]  (**col\_expression** [ASC | DESC]) *index\_clause index\_attribs*    CREATE [UNIQUE|BITMAP] INDEX [schema.]index  ON **CLUSTER** [schema.]cluster *index\_attribs*  *index\_clauses*:  INDEXTYPE IS indextype[PARAMETERS ('string')]    LOCAL STORE IN {tablespace\_name|DEFAULT}    LOCAL (PARTITION [partition  [LOGGING|NOLOGGING]  [TABLESPACE {tablespace\_name|DEFAULT}]  [PCTFREE int]  [PCTUSED int]  [INITRANS int]  [MAXTRANS int]  [STORAGE storage\_clause]  [STORE IN {tablespace\_name|DEFAULT]  [SUBPARTITION [subpartition [TABLESPACE tablespace\_name]]]])    GLOBAL PARTITION BY RANGE (col\_list)  ( PARTITION partition VALUES LESS THAN (value\_list)  [LOGGING|NOLOGGING]  [TABLESPACE {tablespace\_name|DEFAULT}]  [PCTFREE int]  [PCTUSED int]  [INITRANS int]  [MAXTRANS int]  [STORAGE storage\_clause] )    *index\_attribs*: any combination of the following  NOSORT|REVERSE  COMPRESS int  NOCOMPRESS  COMPUTE STATISTICS  [NO]LOGGING  ONLINE  TABLESPACE {tablespace\_name|DEFAULT}  PCTFREE int  PCTUSED int  INITRANS int  MAXTRANS int  STORAGE storage\_clause  PARALLEL parallel\_clause |

## CREATE DATABASE LINK

|  |
| --- |
| CREATE [SHARED][PUBLIC] DATABASE LINK link\_name  [CONNECT TO CURRENT\_USER ]  [USING 'connect\_string']    CREATE [SHARED][PUBLIC] DATABASE LINK link\_name  [CONNECT TO user IDENTIFIED BY password]  [AUTHENTICATED BY user IDENTIFIED BY password]  [USING 'connect\_string'] |

## CREATE MATERIALIZED VIEW Syntax Statement

|  |
| --- |
| CREATE MATERIALIZED VIEW [schema.]materialized\_view *options*  [USING INDEX *index\_options*]  [REFRESH [*refresh\_options*]]  [FOR UPDATE] [{ENABLE|DISABLE} QUERY REWRITE]    CREATE MATERIALIZED VIEW [schema.]materialized\_view  ON PREBUILT TABLE [{WITH | WITHOUT}REDUCED PRECISION]  [USING INDEX *index\_options*]  [REFRESH [*refresh\_options*]]  [FOR UPDATE] [{ENABLE|DISABLE} QUERY REWRITE]  options:  CLUSTER cluster (column,...) [Partitioning clause]  [PARALLEL int | NOPARALLEL] [BUILD {IMMEDIATE|DEFERRED}]  or  *storage\_options* [LOB/Modify LOB Storage clause] [CACHE | NOCACHE]  [Partitioning clause] [PARALLEL int | NOPARALLEL] [BUILD {IMMEDIATE|DEFERRED}]    Where *storage\_options* can be any of:  PCTFREE int  PCTUSED int  INITRANS int  MAXTRANS int  STORAGE storage\_clause  TABLESPACE tablespace  LOGGING | NOLOGGING    *index\_options*  INITRANS int  MAXTRANS int  STORAGE storage\_clause  TABLESPACE tablespace    *refresh\_options*:  FAST | COMPLETE | FORCE  ON [DEMAND | COMMIT]  {NEXT | START WITH} date  WITH {PRIMARY KEY | rowid}  USING DEFAULT {MASTER|LOCAL} ROLLBACK SEGMENT  USING {MASTER|LOCAL} ROLLBACK SEGMENT rb\_segment |

## CREATE MATERIALIZED VIEW LOG

|  |
| --- |
| CREATE MATERIALIZED VIEW LOG ON [schema.]table *options*  [PARALLEL int | NOPARALLEL]  Partitioning\_options  WITH *filter\_option(s)*  [{INCLUDING|EXCLUDING} NEW VALUES];  options:  PCTFREE int  PCTUSED int  INITRANS int  MAXTRANS int  STORAGE storage\_clause  TABLESPACE tablespace  LOGGING | NOLOGGING  [CACHE | NOCACHE]    *filter\_options:*  [{PRIMARY KEY | rowid}] (filter\_column,...)    multiple *filter\_options* can be separated with commas |

## CREATE SYNONYM Syntax Statement

|  |
| --- |
| CREATE [PUBLIC] SYNONYM [schema.]synonym FOR [schema.]object [@dblink]  You should be aware of the performance hit when accessing data through a synony |

## CREATE TABLE Syntax Statement

|  |
| --- |
| CREATE [GLOBAL TEMPORARY] TABLE [schema.]table (*tbl\_defs*,...)  [ON COMMIT {DELETE|PRESERVE} ROWS]  [*storage\_options* | CLUSTER cluster\_name (col1, col2,... )  | ORGANIZATION {HEAP *[storage\_options]* | INDEX i*dx\_organized\_tbl\_clause*}]  [LOB\_storage\_clause][varray\_clause][*nested\_storage\_clause*]  *partitioning\_options*  [[NO]CACHE] [[NO]MONITORING] [PARALLEL parallel\_clause]  [ENABLE enable\_clause | DISABLE disable\_clause]  [AS subquery]    *tbl\_defs*:  column datatype [DEFAULT expr] [column\_constraint(s)]  table\_constraint  table\_ref\_constraint    *storage\_options*:  PCTFREE int  PCTUSED int  INITTRANS int  MAXTRANS int  STORAGE storage\_clause  TABLESPACE tablespace  [LOGGING|NOLOGGING]    *idx\_organized\_tbl\_clause*:  *storage\_option(s)* [PCTTHRESHOLD int]  [COMPRESS int|NOCOMPRESS]  [ [INCLUDING column\_name] OVERFLOW [*storage\_option(s)*] ]    *nested\_storage\_clause*:  NESTED TABLE nested\_item STORE AS storage\_table  [RETURN AS {LOCATOR|VALUE } ] |

## CREATE TABLESPACE Syntax Statement

|  |
| --- |
| CREATE TABLESPACE tablespace\_name  DATAFILE *Datafile\_Options Storage\_Options* ;    *Datafile\_Options:*    'filespec' [AUTOEXTEND OFF]  'filespec' [AUTOEXTEND ON [NEXT int K | M] [MAXSIZE int K | M]]  The Autoextend Maxsize clause will default to UNLIMITED if no value is specified.    *Storage\_Options:*  DEFAULT STORAGE storage\_clause  MINIMUM EXTENT int {K|M}  LOGGING | NOLOGGING  ONLINE | OFFLINE  PERMANENT | TEMPORARY  EXTENT MANAGEMENT {DICTIONARY |  LOCAL {AUTOALLOCATE | UNIFORM [SIZE int K | M]} } |

## CREATE TRIGGER Syntax Statement

|  |
| --- |
| CREATE [OR REPLACE] TRIGGER [schema.]trigger  {BEFORE *event* | AFTER *event* | INSTEAD OF *event*}  *referencing\_clause* WHEN (condition) pl\_sql\_block  *event* can be one or more of the following (separate multiple events with OR)  DELETE *event\_ref*  INSERT *event\_ref*  UPDATE *event\_ref*  UPDATE OF column, column... *event\_ref*  ddl\_statement ON [schema.] {table|view}  ddl\_statement ON DATABASE  SERVERERROR  LOGON  LOGOFF  STARTUP  SHUTDOWN    *event\_ref:*  ON [schema.]table  ON [schema.]view  ON [NESTED TABLE nested\_table\_column OF] [schema.]view    *referencing\_clause*:  FOR EACH ROW  REFERENCING OLD [AS] old [FOR EACH ROW]  REFERENCING NEW [AS] new [FOR EACH ROW]  REFERENCING PARENT [AS] parent [FOR EACH ROW] |

## CREATE VIEW Syntax Statement

|  |
| --- |
| CREATE [OR REPLACE] [FORCE|NOFORCE] VIEW  [schema.]view [(alias,...)]  AS subquery *options*    CREATE [OR REPLACE] [FORCE|NOFORCE] VIEW  [OF [schema.] type\_name  [WITH OBJECT IDENTIFIER {DEFAULT|(attribute,...)}]  AS subquery *options*    *options*:  WITH READ ONLY  WITH CHECK OPTION [CONSTRAINT constraint] |

## CREATE FUNCTION Syntax Statement

|  |
| --- |
| CREATE [OR REPLACE] FUNCTION [schema.]function [arguments\_clause]  RETURN datatype [invoke\_clause]  AS plsql\_function\_body    CREATE [OR REPLACE] FUNCTION [schema.]function [arguments\_clause]  RETURN datatype [invoke\_clause]  AS LANGUAGE JAVA NAME 'string'    CREATE [OR REPLACE] FUNCTION [schema.]function [arguments\_clause]  RETURN datatype [invoke\_clause]  AS LANGUAGE C [NAME name] LIBRARY lib\_name [WITH CONTEXT][PARAMETERS params]    arguments\_clause:  (argument [IN|OUT|IN OUT] [NOCOPY datatype])    invoke\_clause:  any combination of...  AUTHID CURRENT\_USER  AUTHID DEFINER  DETERMINISTIC  PARALLEL\_ENABLE |

## CREATE PROCEDURE Syntax Statement

|  |
| --- |
| CREATE [OR REPLACE] PROCEDURE [schema.]procedure\_name *(options)*  *invoker\_rights* AS plsql\_sub\_program\_body    CREATE [OR REPLACE] PROCEDURE [schema.]procedure\_name *(options)*  *invoker\_rights* AS LANGUAGE JAVA NAME ('string')    CREATE [OR REPLACE] PROCEDURE [schema.]procedure\_name *(options)*  *invoker\_rights* AS LANGUAGE C NAME name LIBRARY lib\_name [WITH CONTEXT][PARAMETERS (parameters)]    *options:*  argument IN [NOCOPY] datatype  argument OUT [NOCOPY] datatype  argument IN OUT [NOCOPY] datatype  (The procedure can have several arguments separated with commas)    *invoker\_rights*:  AUTHID CURRENT\_USER  AUTHID DEFINER  AUTHID DEFINER will execute with the privileges of the procedure schema/owner.  NOCOPY will instruct Oracle to pass the argument as fast as possible. This can significantly enhance performance when passing a large value. |

## CREATE ROLE Syntax Statement

|  |
| --- |
| CREATE ROLE role\_name [NOT IDENTIFIED]  CREATE ROLE role\_name [IDENTIFIED BY password]  CREATE ROLE role\_name [IDENTIFIED EXTERNALLY]  CREATE ROLE role\_name [IDENTIFIED GLOBALLY]    Example  --Create the role  CREATE ROLE MY\_ORACLE\_ROLE    --Assign all object rights from the current user schema (user\_objects)    spool GrantRights.sql  SELECT DECODE (object\_type,  'TABLE','GRANT SELECT, INSERT, UPDATE, DELETE , REFERENCES ON'||&OWNER||'.', 'VIEW','GRANT SELECT ON '||&OWNER||'.',  'SEQUENCE','GRANT SELECT ON '||&OWNER||'.',  'PROCEDURE','GRANT EXECUTE ON '||&OWNER||'.',  'PACKAGE','GRANT EXECUTE ON '||&OWNER||'.',  'FUNCTION','GRANT EXECUTE ON'||&OWNER||'.' )||object\_name||' TO **MY\_ORACLE\_ROLE** ;' from user\_objects  WHERE OBJECT\_TYPE IN ( 'TABLE', 'VIEW', 'SEQUENCE', 'PROCEDURE', 'PACKAGE','FUNCTION') ORDER BY OBJECT\_TYPE  /  spool off  @GrantRights.sql |

## CREATE CONTROLFILE Syntax Statement

|  |
| --- |
| CREATE CONTROLFILE [REUSE] [SET] DATABASE database  LOGFILE [GROUP int] filespec  [RESETLOGS | NORESETLOGS]  DATAFILE filespec *options*    *options*  MAXDATAFILES int  MAXLOGFILES int  MAXLOGMEMBERS int  MAXLOGHISTORY int  MAXINSTANCES int  ARCHIVELOG | NOARCHIVELOG  Several LOGFILE or DATAFILEs can be specified at once if separated with commas**.** |

## CREATE DATABASE Syntax Statement

|  |
| --- |
| CREATE DATABASE database\_name *options*    *options* can be any combination of the following:  DATAFILE filespec AUTOEXTEND OFF  DATAFILE filespec AUTOEXTEND ON [NEXT int K | M] [MAXSIZE int K | M]  LOGFILE [GROUP int] filespec  MAXDATAFILES int  MAXLOGFILES int  MAXLOGMEMBERS int  MAXLOGHISTORY int  MAXINSTANCES int  CONTROLFILE REUSE  CHARACTER SET charset    Example  -- Create a database with the SID of TEST and char set WE8ISO8859P1    CREATE DATABASE TEST  LOGFILE 'E:\Oracle\TEST\LOGS\LOG1TEST.ORA' SIZE 2M,  'E:\Oracle\TEST\LOGS\LOG2TEST.ORA' SIZE 200M,  'E:\Oracle\TEST\LOGS\LOG3TEST.ORA' SIZE 200M,  'E:\Oracle\TEST\LOGS\LOG4TEST.ORA' SIZE 200M,  'E:\Oracle\TEST\LOGS\LOG5TEST.ORA' SIZE 200M  MAXDATAFILES 100  DATAFILE 'E:\Oracle\TEST\DATA\SYS1TEST.ORA' SIZE 500 M  NOARCHIVELOG  CHARACTER SET WE8ISO8859P1; |

## CREATE DIMENSION Syntax Statement

|  |
| --- |
| CREATE DIMENSION [schema.]dimension *level\_clause(s)*  *[heirarchy\_clause(s) attribute\_clause(s)];*  The command should include at least one heirarchy clause or attribute clause.  *level\_clause*:  LEVEL level IS (table.column,...)    *heirarchy\_clause*:  HEIRARCHY heirarchy (child\_level CHILD OF parent\_level,... [join\_clause])    *attribute\_clause*:  ATTRIBUTE level DETERMINES (dependent\_column,...)    *join\_clause*:  JOIN KEY (child\_key\_column,...) REFERENCES parent\_level |

## CREATE DIRECTORY Syntax Statement

|  |
| --- |
| CREATE [OR REPLACE] DIRECTORY directory AS 'pathname'; |

## CREATE JAVA Syntax Statement

|  |
| --- |
| CREATE [OR REPLACE] [AND {RESOLVE|COMPILE}] [NOFORCE]  **JAVA** [**RE]SOURCE** NAMED [schema.]primary\_name  [AUTHID {CURRENT\_USER |DEFINER}]  [RESOLVER (( match\_string, schema\_name )...)]  *source\_option*;    CREATE [OR REPLACE] [AND {RESOLVE|COMPILE}] [NOFORCE]  **JAVA CLASS** [SCHEMA schema]  [AUTHID {CURRENT\_USER |DEFINER}]  [RESOLVER (( match\_string, schema\_name )...)]  *source\_option*;    *source\_option*s:  USING BFILE (directory, 'class\_filename')  USING {CLOB|BLOB|BFILE} subquery  USING 'key\_for\_blob'  AS source\_text |

## CREATE LIBRARY Syntax Statement

|  |
| --- |
| CREATE [OR REPLACE] LIBRARY [schema.]library\_name AS 'filespec'; |

## CREATE OUTLINE Syntax Statement

|  |
| --- |
| CREATE [OR REPLACE] OUTLINE [schema.]operator  [FOR CATEGORY category]  ON statement; |

## CREATE PACKAGE Syntax Statement

|  |
| --- |
| CREATE [OR REPLACE] PACKAGE [schema.]package\_name [*invoker\_rights*] AS package    *invoker\_rights*:  AUTHID CURRENT\_USER  AUTHID DEFINER  AUTHID DEFINER will execute with the privileges of the package schema/owner. |

## CREATE PACKAGE BODY Syntax Statement

|  |
| --- |
| CREATE [OR REPLACE] PACKAGE BODY [schema.]package\_name IS package\_body  CREATE [OR REPLACE] PACKAGE BODY [schema.]package\_name AS package\_body |

## CREATE ROLLBACK SEGMENT Syntax Statement

|  |
| --- |
| CREATE [PUBLIC] ROLLBACK SEGMENT rbs\_name option(s)    options:  TABLESPACE tablespace\_name  STORAGE storage\_clause  A public RBS is available for use by more than one instance |

## CREATE SCHEMA Syntax Statement

|  |
| --- |
| CREATE SCHEMA AUTHORISATION schema *options*    *options*  CREATE TABLE  CREATE VIEW  GRANT  The schema name must be an existing Oracle username. |

## CREATE SEQUENCE Syntax Statement

|  |
| --- |
| CREATE SEQUENCE [schema.]sequence\_name option(s)    options:  INCREMENT BY int  START WITH int  MAXVALUE int | NOMAXVALUE  MINVALUE int | NOMINVALUE  CYCLE | NOCYCLE  CACHE int | NOCACHE  ORDER | NOORDER |

## CREATE TEMPORARY TABLESPACE Syntax Statement

|  |
| --- |
| CREATE TEMPORARY TABLESPACE tablespace\_name  TEMPFILE *Tempfile\_Options*  [EXTENT MANAGEMENT LOCAL]  [UNIFORM [SIZE int K | M] ];    *Tempfile\_Options:*  'filespec' [AUTOEXTEND OFF]  'filespec' [AUTOEXTEND ON [NEXT int K | M] [MAXSIZE int K | M]]  To create a locally managed tablespace specify 'EXTENT MANAGEMENT LOCAL'. All extents of temporary tablespaces are the same size - if UNIFORM is not defined it will default to 1 MB. |

## CREATE USER Syntax Statement

|  |
| --- |
| CREATE USER username  IDENTIFIED {BY password | EXTERNALLY | GLOBALLY AS external\_name}  *options*    *options*:    DEFAULT TABLESPACE tablespace\_name  TEMPORARY TABLESPACE tablespace\_name  QUOTA int {K | M} ON tablespace\_name  QUOTA UNLIMITED ON tablespace\_name  PROFILE profile\_name  PASSWORD EXPIRE  ACCOUNT {LOCK|UNLOCK} |

## COMMENT Syntax Statement

|  |
| --- |
| COMMENT ON TABLE [schema.]*table* IS 'text'  COMMENT ON TABLE [schema.]*view* IS 'text'  COMMENT ON TABLE [schema.]*snapshot* IS 'text'    COMMENT ON COLUMN [schema*.*]*table.column* IS 'text'  COMMENT ON COLUMN [schema.]*view.column* IS 'text'  COMMENT ON COLUMN [schema.]*snapshot.column* IS 'text'  To drop a comment from the database, set it to the empty string ' '. |

## COMMIT Syntax Statement

|  |
| --- |
| COMMIT [WORK] [COMMENT 'comment\_text']  COMMIT [WORK] [FORCE 'force\_text' [,int] ]    FORCE - will manually commit an in-doubt *distributed* transaction. |

## DESCRIBE Syntax Statement

|  |
| --- |
| DESC table  DESC view  DESC synonym  DESC function  DESC package.procedure  DESC package\*    It is also possible to describe objects in another schema or via a database link e.g. DESCRIBE user.table@db\_link  The DESCRIBE command allows you to describe objects recursively to the depth level set in the SET DESCRIBE command. |

## DISASSOCIATE STATISTICS Syntax Statement

|  |
| --- |
| DISSASSOCIATE STATISTICS FROM object [schema.]object\_name [FORCE]    Where object is any of  COLUMNS  FUNCTIONS  PACKAGES  TYPES  INDEXES  INDEXTYPES |

## EXEC Syntax Statement

|  |
| --- |
| EXEC statement  EXEC [:bind\_variable :=] package.procedure;  EXEC [:bind\_variable :=] package.function(parameters);    The length of the EXEC command cannot exceed the length defined by SET LINESIZE. If the EXEC command is too long to fit on one line, use the SQL\*Plus continuation character (a hyphen) - **Example** EXEC :answer := EMP\_PAY.BONUS('SMITH') |

## EXECUTE IMMEDIATE Syntax Statement

|  |
| --- |
| EXECUTE IMMEDIATE dynamic\_sql\_string  [INTO {define\_variable,... | INTO record\_name}]  [USING  [IN|OUT|IN OUT] bind\_argument,...]  [RETURN[ING] INTO  bind\_argument,...];    dynamic\_sql\_string : The SQL statement string or PL/SQL block    define\_variable : One variable receives each column  value returned by the query.    record\_name : A record based on a user-defined TYPE  or %ROWTYPE that receives an entire row  returned by a query    bind\_argument : An expression whose value is passed to the  SQL statement or PL/SQL block INTO clause  Use for single-row queries; for each column value  returned by the query, you must supply an  individual variable or field in a record of  compatible type.    USING clause : Allows you to supply bind arguments for the  SQL string. This clause is used for both  dynamic SQL and PL/SQL,  which is why you can specify a parameter mode.  This usage is only relevant for PL/SQL,  however; the default is IN, which is the only  kind of bind argument you would have for  SQL statements.  You cannot use EXECUTE IMMEDIATE for multiple-row queries.  If "dynamic\_sql\_string" ends with a semicolon, it will be treated as a PL/SQL block; otherwise, it will be treated as either DML (Data Manipulation Language--SELECT, INSERT, UPDATE, or DELETE) or DDL (Data Definition Language, such as CREATE TABLE).  The "dynamic\_sql\_string" may contain placeholders for bind arguments, but you cannot use bind values to pass in the names of schema objects, such as table names or column names.  When the statement is executed, the runtime engine replaces each placeholder (an identifier with a colon in front of it, such as :salary\_value) in the SQL string with its corresponding bind argument (by position).  You can pass numeric, date, and string expressions.  You cannot, pass a Boolean, or a NULL literal value, you can however pass a variable of the correct type that has a value of NULL. |

## EXPLAIN PLAN Syntax Statement

|  |
| --- |
| EXPLAIN PLAN [SET STATEMENT\_ID = 'text']  FOR statement    EXPLAIN PLAN [SET STATEMENT\_ID = 'text']  INTO [schema.]table@dblink  FOR statement |

## GRANT Syntax Statement

|  |
| --- |
| Roles:  GRANT role TO [user,] [role,] [PUBLIC] [WITH ADMIN OPTION]    System Privs:  GRANT *system\_priv(s)* TO [user,] [role,] [PUBLIC] [WITH ADMIN OPTION]  GRANT ALL TO [user,] [role,] [PUBLIC] [WITH ADMIN OPTION]    Objects:  GRANT *object\_priv* [(column, column,...)]  ON [schema.]**object**  TO [user], [role], [PUBLIC] [WITH GRANT OPTION]  GRANT **ALL** [(column, column,...)]  ON [schema.]object  TO [user], [role], [PUBLIC] [WITH GRANT OPTION]  GRANT *object\_priv* [(column, column,...)]  ON **DIRECTORY** directory\_name  TO [user], [role], [PUBLIC] [WITH GRANT OPTION]  GRANT *object\_priv* [(column, column,...)]  ON **JAVA** [RE]SOURCE [schema.]object  TO [user], [role], [PUBLIC] [WITH GRANT OPTION]    key:  *object\_priv*s  ALTER, DELETE, EXECUTE, INDEX, INSERT, REFERENCES, SELECT, UPDATE    *system\_privs*  ALTER ANY INDEX, BECOME USER , CREATE TABLE, DROP ANY VIEW RESTRICTED SESSION, UNLIMITED TABLESPACE, UPDATE ANY TABLE plus too many others to list here    *roles*  Standard Oracle roles - EXP\_FULL\_DATABASE, IMP\_FULL\_DATABASE, OSOPER, OSDBA plus any user defined roles you have available notes: |

## LOCK TABLE Syntax Statement

|  |
| --- |
| LOCK TABLE [schema.] table [*options*] IN *lockmode* MODE [NOWAIT]    LOCK TABLE [schema.] view [*options*] IN *lockmode* MODE [NOWAIT]    options:  PARTITION partition  SUBPARTITION subpartition  @dblink    lockmodes:  EXCLUSIVE  SHARE  ROW EXCLUSIVE  SHARE ROW EXCLUSIVE  ROW SHARE\* | SHARE UPDATE\* |

## NOAUDIT Syntax Statement

|  |
| --- |
| NOAUDIT {ALL|ALL PRIVILEGES|sql\_statement|system\_priv} [*options*]  [WHENEVER [NOT] SUCCESSFUL]    *options:*  BY user  BY proxy [ON BEHALF OF ANY|user]    Schema Objects  To noaudit an object use the modified syntax    NOAUDIT {ALL|*action*} on [schema.]object  [WHENEVER [NOT] SUCCESSFUL]    NOAUDIT {ALL|*action*} on DIRECTORY directory\_name  [WHENEVER [NOT] SUCCESSFUL]    NOAUDIT {ALL|*action*} on DEFAULT  [WHENEVER [NOT] SUCCESSFUL]    *actions*  ALTER, AUDIT, COMMENT, DELETE, EXECUTE, GRANT,  INDEX, INSERT, LOCK, RENAME, SELECT, UPDATE  You can disable all auditing with the init.ora parameter AUDIT\_TRAIL = NO |

## RECOVER Syntax Statement

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| --- |
| RECOVER [AUTOMATIC][FROM 'location']  [STANDBY] **DATABASE**  [UNTIL CANCEL] [UNTIL TIME date] [UNTIL CHANGE int]  [USING BACKUP CONTROLFILE]    RECOVER [AUTOMATIC][FROM 'location']  **TABLESPACE** tablespace [, tablespace2...]    RECOVER [AUTOMATIC][FROM 'location']  **STANDBY TABLESPACE** tablespace [, tablespace2...]  UNTIL [CONSISTENT] [WITH] CONTROLFILE    RECOVER [AUTOMATIC][FROM 'location']  **DATAFILE** 'filename' [, filename2...]    RECOVER [AUTOMATIC][FROM 'location']  **STANDBY DATAFILE** 'filename' [, filename2,...]  UNTIL [CONSISTENT] [WITH] CONTROLFILE    RECOVER [AUTOMATIC][FROM 'location']  **LOGFILE** 'filename'    RECOVER [AUTOMATIC][FROM 'location']  **CONTINUE** [DEFAULT]    RECOVER [AUTOMATIC][FROM 'location']  **CANCEL**    RECOVER MANAGED STANDBY DATABASE TIMEOUT integer    RECOVER MANAGED STANDBY DATABASE CANCEL [IMMEDIATE]  On a parallel server you can add to any of the above: PARALLEL Parallel Clause  Key:  AUTOMATIC Automatically generate the name of the next archived  redo log file needed to continue the recovery operation.    FROM location  The location from which the archived redo log file group is read.    STANDBY  Recover the standby database using the control file and archived  redo log files copied from the primary database.  The standby database must be mounted but not open.    UNTIL CANCEL  Partial recovery. Recovery proceeds by prompting you with the  suggested filenames of archived redo log files, and recovery completes  when you specify CANCEL instead of a filename.    UNTIL CHANGE integer  An incomplete, change-based recovery. integer is the System Change Number  (SCN) following the last change you wish to recover.    UNTIL TIME date  Partial time-based recovery. Use the format:  'YYYY-MM-DD:HH24:MI:SS'    UNTIL [CONSISTENT] [WITH] CONTROLFILE  Recover an old standby datafile or tablespace using the current  standby database control file.    TABLESPACE tablespace  Recover a tablespace.  You may recover up to 16 tablespaces in one statement.    CONTINUE [DEFAULT]  Continues multi-instance recovery after it has been  interrupted to disable a thread.  Continues recovery using the redo log file that Oracle  would automatically generate if no other logfile were specified.  This option is equivalent to specifying AUTOMATIC, except that Oracle  does not prompt for a filename.    CANCEL  Terminates cancel-based recovery.    MANAGED STANDBY DATABASE  Sustained standby recovery mode.    TIMEOUT integer  The number of MINUTES = the wait period of a sustained recovery operation.    The RECOVER command is available in Server Manager/SQL\*Plus, this is recommended for media recovery in preference to the syntax ALTER DATABASE RECOVER... (provided for backwards compatibility with older versions) |

## RENAME Syntax Statement

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| --- |
| RENAME old TO new |

## REVOKE Syntax Statement

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| --- |
| REVOKE role FROM {user, | role, |PUBLIC}    System Privs:  REVOKE *system\_priv(s)* FROM {user, | role, |PUBLIC}    Objects:  REVOKE ALL [(columns)] ON [schema.]object  FROM {user, | role, |PUBLIC} [CASCADE CONSTRAINTS] [FORCE]    REVOKE *object\_priv* [(columns)] ON [schema.]object  FROM {user, | role, |PUBLIC} [CASCADE CONSTRAINTS] [FORCE]    REVOKE *object\_priv* [(columns)] ON DIRECTORY directory\_name  FROM {user, | role, |PUBLIC} [CASCADE CONSTRAINTS] [FORCE]    REVOKE *object\_priv* [(columns)] ON JAVA [RE]SOURCE [schema.]object  FROM {user, | role, |PUBLIC} [CASCADE CONSTRAINTS] [FORCE]    key:  *object\_priv*s  ALTER, DELETE, EXECUTE, INDEX, INSERT, REFERENCES, SELECT, UPDATE, ALL PRIVILEGES    *system\_privs*  ALTER ANY INDEX, BECOME USER , CREATE TABLE, DROP ANY VIEW RESTRICTED SESSION, UNLIMITED TABLESPACE, UPDATE ANY TABLE plus too many others to list here    *roles*  Standard Oracle roles - CONNECT, RESOURCE, DBA, EXP\_FULL\_DATABASE, IMP\_FULL\_DATABASE plus any user defined roles you have available FORCE, will revoke all privileges from a user-defined-type and mark it's dependent objects INVALID. |

## ROLLBACK Syntax Statement

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| ROLLBACK [WORK] [TO 'savepoint\_text\_identifier']  ROLLBACK [WORK] [FORCE 'force\_text'] |

## SET TRANSACTION Syntax Statement

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| --- |
| SET TRANSACTION READ ONLY  SET TRANSACTION READ WRITE  SET TRANSACTION ISOLATION LEVEL  {SERIALIZABLE | READ COMMITTED}  SET TRANSACTION USE ROLLBACK SEGMENT rb\_segment |

## SHUTDOWN Syntax Statement

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| --- |
| SHUTDOWN ABORT  SHUTDOWN IMMEDIATE  SHUTDOWN TRANSACTIONAL [LOCAL]  SHUTDOWN NORMAL    key:  ABORT  The fastest possible shutdown of the database without waiting for calls to complete or users to disconnect. Uncommitted transactions are not rolled back. Client SQL statements currently being processed are terminated. All users currently connected to the database are implicitly disconnected and the next database startup will require instance recovery. You must use this option if a background process terminates abnormally.    IMMEDIATE  Does not wait for current calls to complete or users to disconnect from the database. Further connects are prohibited. The database is closed and dismounted. The instance is shutdown and no instance recovery is required on the next database startup.    NORMAL  NORMAL is the default option which waits for users to disconnect from the database. Further connects are prohibited. The database is closed and dismounted. The instance is shutdown and no instance recovery is required on the next database startup.    TRANSACTIONAL [LOCAL]  A planned shutdown of an instance, allowing active transactions to complete first. It prevents clients from losing work without requiring all users to log off. No client can start a new transaction on this instance. Attempting to start a new transaction results in disconnection. After completion of all transactions, any client still connected to the instance is disconnected. Now the instance shuts down (SHUTDOWN IMMEDIATE). The next startup of the database will not require any instance recovery procedures. The LOCAL mode specifies a transactional shutdown on the local instance only, so that it only waits on local transactions to complete, not all transactions. This is useful, for example, for scheduled outage maintenance. |

## STARTUP Syntax Statement

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| --- |
| STARTUP [FORCE] [RESTRICT] [PFILE=filename] NOMOUNT  STARTUP [FORCE] [RESTRICT] [PFILE=filename] MOUNT [dbname]  STARTUP [FORCE] [RESTRICT] [PFILE=filename] OPEN [*open\_options*] [dbname]    *open\_options:*  READ {ONLY | WRITE [RECOVER]} | RECOVER    key:  FORCE  Shut down the current Oracle instance (if it is running) with SHUTDOWN mode ABORT, before restarting it. If the current instance is running and FORCE is not specified, an error results. FORCE is useful while debugging and under abnormal circumstances. It should not normally be used.    RESTRICT  Only allow Oracle users with the RESTRICTED SESSION system privilege to connect to the database. Later, you can use the ALTER SYSTEM command to disable the restricted session feature.    PFILE=filename  The init.ora parameter file to be used while starting up the instance. If PFILE is not specified, then the default STARTUP parameter file is used. The default file used is platform specific.  .  MOUNT dbname  Mount a database but do not open it. dbname is the name of the database to mount or open. If no database name is specified, the database name is taken from the initialization parameter DB\_NAME.    OPEN  Mount and open the specified database.    NOMOUNT  Don't mount the database upon instance startup. Cannot be used with MOUNT, or OPEN.    RECOVER  Specifies that media recovery should be performed, if necessary, before starting the instance. STARTUP RECOVER has the same effect as issuing the RECOVER DATABASE command and starting an instance. Only 'complete recovery' is possible with the RECOVER option. Recovery proceeds, if necessary, as if AUTORECOVERY is set to ON, regardless of whether or not AUTORECOVERY is enabled. If a redo log file is not found in the expected location, recovery will continue by prompting you with the suggested location and name of the subsequent log files that need to be applied. |

## TRUNCATE TABLE Syntax Statement

|  |
| --- |
| TRUNCATE TABLE [schema.]table  [{PRESERVE|PURGE} SNAPSHOT LOG]  [{DROP | REUSE} STORAGE]    TRUNCATE CLUSTER [schema.]cluster  [{PRESERVE|PURGE} SNAPSHOT LOG]  [{DROP | REUSE} STORAGE]    The terms "snapshot" and "materialized view" are synonymous. |

## Date Format (fmt)

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| --- |
| When a date format is used by TO\_CHAR or TO\_DATE they return part of the date/time. When used by TRUNC they will return the first day of the period. When used by ROUND the values will round up at mid year/mid month (July 1 or 16th day)  CC Century  SCC Century BC prefixed with -    YYYY Year 2001  SYYY Year BC prefixed with -  IYYY ISO Year 2001  YY Year 01  RR Year 01 rollover for Y2K compatibility \*  YEAR Year spelled out  SYEAR Year spelled out BC prefixed with -  BC BC/AD Indicator \*    Q Quarter : Jan-Mar=1, Apr-Jun=2    MM Month of year 01, 02...12  RM Roman Month I, II...XII \*  MONTH In full [January ]...[December ]  FMMONTH In full [January]...[December]  MON JAN, FEB    WW Week of year 1-52  W Week of month 1-5  IW ISO std week of year    DDD Day of year 1-366 \*  DD Day of month 1-31  D Day of week 1-7  DAY In full [Monday ]...[Sunday ]  FMDAY In full [Monday]...[Sunday]  DY MON...SUN  DDTH Ordinal Day 7TH  DDSPTH Spell out ordinal SEVENTH  J Julian Day (days since 31/12/4713)    HH Hours of day (1-12)  HH12 Hours of day (1-12)  HH24 Hours of day (1-24)  SPHH Spell out SEVEN  AM am or pm \*  PM am or pm \*  A.M. a.m. or p.m. \*  P.M. a.m. or p.m. \*    MI Minutes 0-59  SS Seconds 0-59 \*  SSSS Seconds past midnight (0-86399) \*    The following punctuation -/,.;: can be included in any date format  any other chars can be included "in quotes"  \* Formats marked with \* can only be used with TO\_CHAR or TO\_DATE not TRUNC () or ROUND()  Date formats that are spelled out in characters will adopt the capitalisation of the format e.g. 'MONTH' =JANUARY 'Month' = January |

## NLS Formats (Territory)

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| --- |
| Specifying an NLS parameter for an SQL function means that any user session NLS parameters (or the lack of appropriate NLS parameters) will not affect evaluation of the function.  This feature may be important for SQL statements that contain numbers and dates as string literals. For example, the following query is evaluated correctly only if the language specified for dates is American:  SELECT ENAME FROM EMP  WHERE HIREDATE > '1-JAN-01'    This can be made independent of the current date language  by specifying NLS\_DATE\_LANGUAGE:    SELECT ENAME FROM EMP  WHERE HIREDATE > TO\_DATE ('1-JAN-01','DD-MON-YY',  'NLS\_DATE\_LANGUAGE = AMERICAN')    Of course a simpler way of making this language-independent is    SELECT ENAME FROM EMP  WHERE HIREDATE > TO\_DATE ('1-01-01','DD-MM-YY')    NLS settings include Character set, Language and territory    The most common Character Sets are:    WE8ISO8859P15 European English includes euro character  US7ASCII American English    **Oracle Languages**    e.g. NLS\_LANGUAGE = ENGLISH    us AMERICAN  ar ARABIC  …    The NLS\_LANGUAGE above implicitly defines several other parameters:  NLS\_DATE\_LANGUAGE, NLS\_SORT      **Oracle Territories**    e.g. NLS\_TERRITORY = "UNITED KINGDOM"  AMERICA  AUSTRALIA  …    The NLS\_TERRITORY implicitly defines several other parameters:  NLS\_NUMERIC\_CHARACTERS, NLS\_CURRENCY, NLS\_ISO\_CURRENCY, NLS\_DATE\_FORMAT, NLS\_MONETARY\_CHARACTERS, NLS\_CREDIT, NLS\_DEBIT    If necessary these can be explicitly defined  e.g. NLS\_NUMERIC\_CHARACTERS = ",."    NLS\_COMP  This provides a simple alternative to specifying NLS\_SORT in  an SQL WHERE clause  NLS formats will affect SQL statements in views, CHECK constraints, and triggers. |

## PL/SQL Syntax Structure

|  |
| --- |
| **Procedure:**  PROCEDURE name (p\_parm1 IN|INOUT datatype, … )  /\* declarations \*/  IS  BEGIN  /\* executable code \*/  EXCEPTION  /\* error handling \*/  END name;  /    **Function:**  FUNCTION name name (p\_parm1 IN|INOUT datatype, … )  RETURN datatype  /\* declarations \*/  IS  BEGIN  /\* executable code \*/  EXCEPTION  /\* error handling \*/  END name;  /    **Anonymous Block:**  DECLARE  /\* declarations \*/  IS  BEGIN  /\* executable code \*/  EXCEPTION  :/\* error handling \*/  END name;  /    All PL/SQL functions and procedures, including packaged procedures and anonymous blocks follow the above basic layout: If you don’t name the PL/SQL procedure, you call it an 'anonymous block' |

## CLOSE Syntax Statement

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| --- |
| CLOSE cursor\_name;    Closing a cursor releases the context area. |

## CURSOR Syntax Statement

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| --- |
| CURSOR cursor\_name  IS select\_statement;    CURSOR cursor\_name  [(parameter\_name datatype, ...)]  IS select\_statement;    Cursor parameters follow the syntax  cursor\_parameter [IN] datatype [{:= | DEFAULT} expr] |

## Cursor Attributes

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| --- |
| cursor**%ROWCOUNT** - int - number of rows affected by last SQL statement  cursor**%FOUND** - bool - TRUE if >1 row returned  cursor**%NOTFOUND** - bool - TRUE if 0 rows returned  cursor**%ISOPEN** - bool - TRUE if cursor still open |

## CURSOR in FOR LOOP Statement

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| --- |
| When you use FOR-LOOP statement, all open, fetch, and close functions are inclusive.  Example:  BEGIN  FOR myrecord IN (SELECT c1, c2 FROM mytable) LOOP  -- implicit open/fetch occurs  IF myrecord.c1 = 1 THEN  ……  END IF;  END LOOP; -- implicit CLOSE occurs  END;  /    Cursor with Parameters  BEGIN  FOR trip\_record IN trip\_cursor(12, 3) LOOP ... |

## DECLARE Section

|  |
| --- |
| Declare variables and constants in a PL/SQL declare block. name [CONSTANT] datatype [NOT NULL] [:= | DEFAULT *expr*]    key  name : The name of the variable  datatype : may be scalar, composite, reference or LOB  *expr* : a literal value, another variable or any plsql expression involving operators & functions.  A constant MUST have it's initial value in the declaration. Composite datatypes are TABLE, RECORD, NESTED TABLE and VARRAY You can use [schema.]object%TYPE to define variables based on actual object datatypes.  Declaring RECORD variables A specific RECORD TYPE corresponding to a fixed number (and datatype) of underlying table columns can simplify the job of defining variables. Syntax:  TYPE type\_name IS RECORD  (field\_declaration,...);    Options  'field\_declaration' is defined as:  field\_name {datatype | variable%TYPE | table.column%TYPE | table%ROWTYPE}[ [NOT NULL] {:= | DEFAULT} expr ]    **Declare %ROWTYPE% Record variables:**  DECLARE  variable\_name table\_name%ROWTYPE%  At runtime the system will evaluate the number of variables and their datatype; The columns may be based on an underlying table or a cursor.  Declare SQL\*Plus bind variables. Syntax:  SQL > VARIABLE g\_bar VARCHAR2(30)  SQL > ACCEPT p\_foo PROMPT 'enter the value required'  You can reference host variables in PL/SQL statements \*unless\* the statement is in a procedure, function or package. This is done by prefixing with **&** (to read the variable) or prefix with **:** (writing to the variable)  Example:  -- Declare a variable based on SQL\*Plus Bind variable  v\_amount NUMBER(6,2) := &p\_foo    -- Assign value to a SQL\*Plus variable from a PL/SQL variable  :g\_bar := v\_amount \*12    Declare TABLE TYPE variables in a PL/SQL declare block. Table variables are also known as index-by table or array. The table variable contains one column which must be a scalar or record datatype plus a primary key of type BINARY\_INTEGER. Syntax:  DECLARE  TYPE type\_name IS TABLE OF  (column\_type |  variable%TYPE |  table.column%TYPE  [NOT NULL]  INDEX BY BINARY INTEGER;    -- Then to declare a TABLE variable of this type:  variable\_name type\_name;    -- Assigning values to a TABLE variable:  variable\_name(n).field\_name := 'some text'; -- Where 'n' is the index value    Using TABLE variable Methods: To execute these use the syntax: table\_name[ (parameters)]  EXISTS(n) Returns TRUE if nth element of the table exists.  COUNT The number of elements (rows) in the plsql table  FIRST First and Last index no.s in the table  LAST returns NULL if table is empty  PRIOR(n) Returns index no that preceeds n in the plsql table  NEXT(n) Returns index no that succeeds n in the plsql table  EXTEND(n,i) Append n copies of the 'i'th element to a plsql table i defaults to NULL n defaults to 1  TRIM(n) Remove n elements from the end of a plsql table n defaults to 1  DELETE(m,n) Delete elements in range m...n (m defaults to = n and n defaults to ALL elements |

## DECLARE, OPEN, CLOSE a REF CURSOR Syntax Statement

|  |
| --- |
| TYPE ref\_type\_name IS REF CURSOR  [RETURN {cursor\_name%ROWTYPE  | ref\_cursor\_name%ROWTYPE  | record\_name%TYPE  | record\_type\_name  | table\_name%ROWTYPE} ];    Then: ref\_cursor\_name ref\_type\_name;    **OPEN** a REF cursor...  OPEN cursor\_variable\_name FOR select\_statement;  **CLOSE** a REF cursor:  CLOSE {cursor\_name | :host\_cursor\_variable\_name};    Example:  IF NOT mycursor%ISOPEN THEN  OPEN mycursor FOR select\_statement;  CLOSE mycursor;  END IF;    REF Cursor Attributes :  cursor**%ROWCOUNT** - int - number of rows affected by last SQL statement  cursor**%FOUND** - bool - TRUE if >1 row returned  cursor**%NOTFOUND** - bool - TRUE if 0 rows returned  cursor**%ISOPEN** - bool - TRUE if cursor still open |

## EXCEPTION Syntax

|  |
| --- |
| EXCEPTION  WHEN exception1 [OR exception2...]] THEN  ...  [WHEN exception3 [OR exception4...] THEN  ...]  [WHEN OTHERS THEN  ...]    Where exception is the exception\_name e.g. NO\_DATA\_FOUND, etc. Note that only one handler is processed before leaving the block.    Trap non-predefined errors by declaring them and using the PRAGMA EXCEPION\_INIT pragma.  When an exception occurs you can identify the associated error code/message with two supplied functions SQLCODE and SQLERRM (SQLCODE – Number and SQLERRM – message)    If a sub block does not have a handler for a particular error it will propagate to the  enclosing block - where it can be caught by more general exception handlers.    RAISE\_APPLICATION\_ERROR (error\_no, message[,{TRUE|FALSE}]); |

## FETCH Syntax Statement

|  |
| --- |
| FETCH cursor\_name INTO [variable1, variable2,...]  | record\_name;    The variables must match (both in number and positionally) the columns listed in the cursor definition. |

## FOR-LOOP Syntax Statement

|  |
| --- |
| FOR counter in [REVERSE]  lower\_bound..upper\_bound LOOP  statement1;  statement2;  ...  END LOOP;    A PL/SQL **FOR Loop** will implicitly declare a counter, or cursor variable. Remember that open, fetch, close functions are all implicit in the FOR-LOOP statement. |

## IF-THEN-END IF Syntax Statement

|  |
| --- |
| IF condition THEN  statements;  [ELSEIF condition THEN  statements;]  [ELSE  statement;]  END IF;    NOTE:  null AND null = null  null OR null = null  true AND null = null  true OR null = true  false AND null = false  false OR null = null  NOT NULL = NULL |

## LOOP Syntax Statement

|  |
| --- |
| LOOP  STATEMENT1;  ...  EXIT [WHEN condition];  END LOOP; |

## OPEN Syntax Statement

|  |
| --- |
| OPEN cursor\_name;  OPEN cursor\_name param1 param2...; |

## PL/SQL Operators

|  |
| --- |
| Comparison Operators  + - \* / @ ; = <> != || <= >=  NOT IS NULL  LIKE  BETWEEN  IN  AND  OR    Comments  -- comment  /\* comment \*/  << Begin label - end label >>    Assignment operator  :=    Exponential operator (valid for plsql only)  \*\*    Delimiters  Item separator .  Character string delimiter '  Quoted String delimiter "  Bind variable indicator :  Attribute indicator %  Statement terminator ;    Functions  All SQL functions that return a single row can be used in a plsql procedural statement. Note that the Group and DECODE functions are not supported.    Examples  v\_myDate := TO\_DATE('01-OCT-2001',DD-MON-YYYY) |

## WHILE-LOOP Syntax Statement

|  |
| --- |
| WHILE condition LOOP  statement1;  statement2;  ...  END LOOP; |