For Drop key word we have drop command
and we have drop option in Alter command

1) Drop Command
with the help of drop command we can do following things
i) We can drop a table

 Syntax: Drop table table_name;

 Example: Drop table Employee;

ii) we can drop view
Syntax: Drop view View_name;

Example: Drop view Emp_view;

3) we can drop index

Syntax   : drop index index_name;

Example : drop index idx_emp_no;

4) we can drop sequence

Syntax   : drop sequence sequence_name;

Example : drop sequence seq_emp_pk;

5) we can drop a database

Syntax: drop database database_name;

Example : drop database emp;

Alter command-Drop option
with the help of drop option we can do following things
1) We can drop a column
2) We can drop a constraint

1) How to drop a column?

Syntax: Alter table table_name DROP column column_name;

Example 1: Alter table Employee Drop column Mobile_no;

Example 2: Alter table Customer Drop Column cust_city;

2) How to drop a constraint?

Syntax: Alter table table_name Drop Constraint constraint_name;

Example: Alter table Employee Drop Constraint fk;

3) Alter table-Modify Option
With the help of Modify option we can do following things
1) We can apply not null constraint on column
2) We can apply default constraint on column
3) We can change size of column
4) We can change the data type of column

1) How to Apply not null constraint?

Syntax with Constraint keyword
Alter table table_name Modify column_name Constraint constraint_name not null;

Example 1: Alter table Employee Modify city Constraint nl_city not null;

Syntax without Constraint keyword

Alter table table_name Modify column_name not null;

Example
Alter table Employee Modify Designation not null;

2) How to Apply default constraint on Column

Syntax:
Alter table table_name Modify column_name default default_value;

Example:
Alter table Employee Modify city default 'Pune';

3) How to change size of Column?

Syntax:
Alter table table_name Modify column_name data_type(size);

Example:
Alter table Employee Modify first_name varchar(400);

4) How to change the data type of Column?

Syntax:
Alter table table_name Modify Column_name data_type;

Example:
Alter table Employee Modify mobile_no varchar(10);
Note
  1) If column has values then we cannot change the data type.
  2) If column is empty then we can change the data type.

4) Enable or Disable Constraint

Syntax for Enable Constraint:
Alter table table_name Enable Constraint constraint_name;

Example:
Alter table Employee Enable Constraint pk;

Syntax for disable constraint:

Alter table table_name disable Constraint constraint_name;

Example:
Alter table Employee Disable Constraint pk;

Consider below two tables
Employee(emp_no,emp_name,salary,dept_id)

Department(dept_id,dept_name,location)

If I am Droping column

1) Alter table Department drop column dept_id;=> Column not get deleted

2) Alter table Employee Drop column dept_id; => Column get deleted

3) dept_id column of Employee table has on delete set null and
   if Primary key column dept_id from Department is trying to delete
   will it get deleted or not?
=> yes we can delete

5) Alter table-Rename option
1) with this option we can rename table name
2) with this option we can rename column name
3) with this option we can rename constraint name.

1) Rename table name

Alter table table_name Rename to new_table_name;

Example:

Alter table Employee Rename to Employee_new_copy;

2) Rename column name
Syntax:

Alter table table_name Rename column_name to new_column_name;

Example:

Alter table Employee Rename city to emp_city;