* **SPOOL is used to create a parallel file in which all the queries written by us in database is simultaneously written in another file as well to keep record of any kind of error.**

spool D://DB170719

(this will create file of name DB170719 in D drive and will store all the data in it.)

* **CREATE TABLE is used to create a table with columns as defined in its syntax, it defines structure of table.**

CREATE TABLE student(

RollNo varchar2(8),

Name varchar2(30),

DOB date,

HSC\_marks varchar2(5),

members varchar2(30),

JEE\_score varchar2(3)

);

* **“SELECT \* from tab” is used to list out all the tables currently present in our database. Here, \* suggests all the entries in particular list.**

select \* from tab;

TNAME TABTYPE CLUSTERID

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CLIENT TABLE

STUDENT TABLE

STUDENTINFORMATION TABLE

* **INSERT INTO <table-name> is used to add new row/new entry in the table.**

INSERT INTO student values('17BCE018','VRAJ','02-jun-00','94.33',null,'119')

UPDATED TABLE :

ROLLNO NAME DOB HSC\_M MEMBERS JEE

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17BCE018 VRAJ 02-JUN-00 94.33 119

* **The operator ‘&’ is used to take data entry for any particular column from user.**

INSERT INTO student VALUES('&ROLL','&NAME','&DOB','&hsc','&member','&JEE');

Enter value for roll: 17BCE020

Enter value for name: DEV JOSHI

Enter value for dob: 13-jan-00

Enter value for hsc: 90.12

Enter value for member:

Enter value for jee: 157

old 1: INSERT INTO student VALUES('&ROLL','&NAME','&DOB','&hsc','&member','&JEE')

new 1: INSERT INTO student VALUES('17BCE020','DEV JOSHI','13-jan-00','90.12','','157')

1 row created.

* **DESC is used to fetch the structure of given table.**

desc student;

Name Null? Type

----------------------------------------------------- -------- ------------------------------------

ROLLNO VARCHAR2(8)

NAME VARCHAR2(30)

DOB DATE

HSC\_MARKS VARCHAR2(5)

MEMBERS VARCHAR2(30)

JEE\_SCORE VARCHAR2(3)

* **SAVE is used to save the last executed query in a particular file, so that we don’t need to write the entire query again and again every time we need.**

save insert\_into;

Created file insert\_into

* **@<file-name> is used to executed query which we saved earlier using SAVE keyword.**

@insert\_into

Enter value for roll: 17BCE007

Enter value for name: RIdham Avaiya

Enter value for dob: 10-aug-99

Enter value for hsc: 90.78

Enter value for member:

Enter value for jee: 116

old 1: INSERT INTO student VALUES('&ROLL','&NAME','&DOB','&hsc','&member','&JEE')

new 1: INSERT INTO student VALUES('17BCE007','RIdham Avaiya','10-aug-99','90.78','','116')

1 row created.

* **ED is used to edit the last executed query in editor. We have to change the required data and then save the file and exit editor. Now, in order to again execute last query we use ‘/’. It’ll automatically execute last written query.**

ed

Wrote file afiedt.buf

* **UPDATE keyword is used to update current data in given table. Its syntax is as follows:**

update student

2 set ROLLNO = '17BCE012'

3 where (name='Rohit Bhandara');

1 row updated.

@display

ROLLNO NAME DOB HSC\_M MEMBERS JEE

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17BCE018 VRAJ 02-JUN-00 94.33 119

17BCE020 DEV JOSHI 13-JAN-00 90.12 157

17BCE019 DEV GAGRANI 03-AUG-99 94.20 RCNI 180

17BCE007 RIdham Avaiya 10-AUG-99 90.78 116

17BCE065 Aum Naik 21-SEP-00 96.33 RCNI , ISTE 140

17BCE012 Rohit Bhandara 09-JUN-99 92.66 120

17BCE090 Virat Kohli 09-SEP-99 78.99 RCNI 200

17BCE001 Aaryan Gupta 02-FEB-99 89.60 ISTE 160

17BCE060 Ajay Pandya 09-OCT-00 93.33 167

17BCE035 Kosam Ganjoo 09-AUG-99 90.88 ISTE , AUGEN 140

10 rows selected.