**31253 – Assignment 2**

**show tables;**

+--------------------+

| Tables\_in\_31253\_db |

+--------------------+

| PlacementDrive |

| Student |

| Training |

+--------------------+

**select \* from Student;**

+-------+----------+------+-----------------+------+----------+------------+

| s\_id | drive\_id | t\_id | s\_name | CGPA | s\_branch | s\_dob |

+-------+----------+------+-----------------+------+----------+------------+

| 31253 | 101 | 501 | Ninad More | 9.98 | CE | 18-03-2003 |

| 31263 | 110 | 510 | Pranay Agrawal | 9.9 | CE | 25-12-2003 |

| 31262 | 104 | 504 | Peeyush Kulgude | 9.69 | CE | 07-07-2003 |

| 31254 | 108 | 508 | Karan Mundada | 9.42 | CE | 17-02-2003 |

| 31258 | 106 | 506 | Abcedf Khfh | 8.69 | IT | 09-01-2003 |

| 31255 | 105 | 505 | Reed Wise | 8.42 | IT | 17-02-2003 |

| 31261 | 102 | 502 | Xywsc Hbhw | 9.19 | IT | 30-05-2003 |

| 31256 | 103 | 503 | Ghewf Thwb | 10 | IT | 06-06-2003 |

| 31259 | 107 | 507 | Shoyo Blitz | 10 | ENTC | 01-01-2003 |

| 31260 | 109 | 509 | Ken Kaneki | 9.18 | ENTC | 04-07-2003 |

+-------+----------+------+-----------------+------+----------+------------+

**select \* from PlacementDrive;**

+----------+---------------+-------------+----------------+

| drive\_id | Pcompany\_name | package\_LPA | location |

+----------+---------------+-------------+----------------+

| 101 | Google | 25 | Pune |

| 110 | Microsoft | 20 | Mumbai |

| 104 | Amazon | 22 | Mumbai |

| 108 | Deutsch Bank | 21 | Banglore |

| 106 | Google | 15 | Pune |

| 105 | Barclays | 17 | Pune |

| 102 | Bajaj Finser | 17.5 | Banglore |

| 103 | Amazon | 27 | Pune |

| 107 | Microsoft | 20 | Silicon Valley |

| 109 | Flipkart | 14 | Mumbai |

+----------+---------------+-------------+----------------+

**select \* from Training;**

+------+---------------+-------+--------+

| t\_id | Tcompany\_name | T\_fee | T\_year |

+------+---------------+-------+--------+

| 501 | Amazon | 15000 | 2020 |

| 510 | Tata | 19000 | 2021 |

| 504 | Mastercard | 14950 | 2019 |

| 508 | Tata | 23000 | 2019 |

| 506 | Google | 10000 | 2021 |

| 505 | Redhat | 17825 | 2019 |

| 502 | MMT | 12500 | 2020 |

| 503 | Amazon | 13225 | 2019 |

| 507 | Mastercard | 14950 | 2019 |

| 509 | Tata | 14000 | 2020 |

| 510 | Amazon | 12000 | 2019 |

| 503 | Google | 11000 | 2021 |

| 504 | Mastercard | 13000 | 2020 |

+------+---------------+-------+--------+

1) Display all students details with branch ‘Computer ‘and ‘It’ and student name

starting with 'a' or 'd'.

**select \* from Student where (s\_name like 'a%' or s\_name like 'd%') and (s\_branch="CE" or s\_branch="IT");**

+-------+----------+------+-------------+------+----------+------------+

| s\_id | drive\_id | t\_id | s\_name | CGPA | s\_branch | s\_dob |

+-------+----------+------+-------------+------+----------+------------+

| 31258 | 106 | 506 | Abcedf Khfh | 8.69 | IT | 09-01-2003 |

+-------+----------+------+-------------+------+----------+------------+

2) List the number of different companies.(use of distinct)

**select distinct(Pcompany\_name) from PlacementDrive;**

+---------------+

| Pcompany\_name |

+---------------+

| Google |

| Microsoft |

| Amazon |

| Deutsch Bank |

| Barclays |

| Bajaj Finser |

| Flipkart |

+---------------+

3) Give 15% increase in fee of the Training whose joining year is 2019.

**update Training set T\_fee = T\_fee + (T\_fee\*15/100) where T\_year=2019;**

**select \* from Training;**

+------+---------------+----------+--------+

| t\_id | Tcompany\_name | T\_fee | T\_year |

+------+---------------+----------+--------+

| 501 | Amazon | 15000 | 2020 |

| 510 | Tata | 19000 | 2021 |

| 504 | Mastercard | 17192.5 | 2019 |

| 508 | Tata | 26450 | 2019 |

| 506 | Google | 10000 | 2021 |

| 505 | Redhat | 20498.75 | 2019 |

| 502 | MMT | 12500 | 2020 |

| 503 | Amazon | 15208.75 | 2019 |

| 507 | Mastercard | 17192.5 | 2019 |

| 509 | Tata | 14000 | 2020 |

| 510 | Amazon | 13800 | 2019 |

| 503 | Google | 11000 | 2021 |

| 504 | Mastercard | 13000 | 2020 |

+------+---------------+----------+--------+

4). Delete Student details having CGPA score less than 7.

**insert into Student values(31257, 111, 511, "Hjwf GHee", 7, "IT", "09-04-2003");**

**select \* from Student;**

+-------+----------+------+-----------------+------+----------+------------+

| s\_id | drive\_id | t\_id | s\_name | CGPA | s\_branch | s\_dob |

+-------+----------+------+-----------------+------+----------+------------+

| 31253 | 101 | 501 | Ninad More | 9.98 | CE | 18-03-2003 |

| 31263 | 110 | 510 | Pranay Agrawal | 9.9 | CE | 25-12-2003 |

| 31262 | 104 | 504 | Peeyush Kulgude | 9.69 | CE | 07-07-2003 |

| 31254 | 108 | 508 | Karan Mundada | 9.42 | CE | 17-02-2003 |

| 31258 | 106 | 506 | Abcedf Khfh | 8.69 | IT | 09-01-2003 |

| 31255 | 105 | 505 | Reed Wise | 8.42 | IT | 17-02-2003 |

| 31261 | 102 | 502 | Xywsc Hbhw | 9.19 | IT | 30-05-2003 |

| 31256 | 103 | 503 | Ghewf Thwb | 10 | IT | 06-06-2003 |

| 31259 | 107 | 507 | Shoyo Blitz | 10 | ENTC | 01-01-2003 |

| 31260 | 109 | 509 | Ken Kaneki | 9.18 | ENTC | 04-07-2003 |

| 31257 | 111 | 511 | Hjwf GHee | 7 | IT | 09-04-2003 |

+-------+----------+------+-----------------+------+----------+------------+

**delete from Student where CGPA <= 7;**

**select \* from Student;**

+-------+----------+------+-----------------+------+----------+------------+

| s\_id | drive\_id | t\_id | s\_name | CGPA | s\_branch | s\_dob |

+-------+----------+------+-----------------+------+----------+------------+

| 31253 | 101 | 501 | Ninad More | 9.98 | CE | 18-03-2003 |

| 31263 | 110 | 510 | Pranay Agrawal | 9.9 | CE | 25-12-2003 |

| 31262 | 104 | 504 | Peeyush Kulgude | 9.69 | CE | 07-07-2003 |

| 31254 | 108 | 508 | Karan Mundada | 9.42 | CE | 17-02-2003 |

| 31258 | 106 | 506 | Abcedf Khfh | 8.69 | IT | 09-01-2003 |

| 31255 | 105 | 505 | Reed Wise | 8.42 | IT | 17-02-2003 |

| 31261 | 102 | 502 | Xywsc Hbhw | 9.19 | IT | 30-05-2003 |

| 31256 | 103 | 503 | Ghewf Thwb | 10 | IT | 06-06-2003 |

| 31259 | 107 | 507 | Shoyo Blitz | 10 | ENTC | 01-01-2003 |

| 31260 | 109 | 509 | Ken Kaneki | 9.18 | ENTC | 04-07-2003 |

+-------+----------+------+-----------------+------+----------+------------+  
5) Find the names of companies belonging to pune or Mumbai

**select distinct(Pcompany\_name) from PlacementDrive where (location="Pune" or location="Mumbai");**

+---------------+

| Pcompany\_name |

+---------------+

| Google |

| Microsoft |

| Amazon |

| Barclays |

| Flipkart |

+---------------+

6) Find the student name having maximum CGPA score and names of students

having CGPA score between 7 to 9 .

**select s\_name from Student where CGPA=10 or (CGPA>=7 and CGPA<=9);**

+-------------+

| s\_name |

+-------------+

| Abcedf Khfh |

| Reed Wise |

| Ghewf Thwb |

| Shoyo Blitz |

+-------------+

7) Display all Student name with T\_id with decreasing order of Fees

**select s.s\_name, t.t\_id from Student s join Training t on s.t\_id = t.t\_id order by t.T\_fee desc;**

+-----------------+------+

| s\_name | t\_id |

+-----------------+------+

| Karan Mundada | 508 |

| Reed Wise | 505 |

| Pranay Agrawal | 510 |

| Peeyush Kulgude | 504 |

| Shoyo Blitz | 507 |

| Ghewf Thwb | 503 |

| Ninad More | 501 |

| Ken Kaneki | 509 |

| Pranay Agrawal | 510 |

| Peeyush Kulgude | 504 |

| Xywsc Hbhw | 502 |

| Pranay Agrawal | 510 |

| Ghewf Thwb | 503 |

| Ghewf Thwb | 503 |

| Abcedf Khfh | 506 |

+-----------------+------+

8) Display PCompany name, S\_name ,location and Package with Package 30K,

40K and 50k

**select pd.Pcompany\_name, s.s\_name, pd.location, pd.package\_LPA from Student s join PlacementDrive pd on s.drive\_id = pd.drive\_id where pd.package\_LPA in (20,22,25);**

+---------------+-----------------+----------------+-------------+

| Pcompany\_name | s\_name | location | package\_LPA |

+---------------+-----------------+----------------+-------------+

| Google | Ninad More | Pune | 25 |

| Microsoft | Pranay Agrawal | Mumbai | 20 |

| Amazon | Peeyush Kulgude | Mumbai | 22 |

| Microsoft | Shoyo Blitz | Silicon Valley | 20 |

+---------------+-----------------+----------------+-------------+

9) Find the student name who joined training in 1-1-2019 as well as in 1-1-2021

**select distinct s.s\_name from Student s where s.t\_id in ( select t\_id from Training where T\_year = 2019 ) and s.t\_id in ( select t\_id from Training where T\_year = 2021 ) and s.t\_id not in (select t\_id from Training where T\_year not in (2019, 2021) );**

+----------------+

| s\_name |

+----------------+

| Pranay Agrawal |

| Ghewf Thwb |

+----------------+