**INSTRUCTIONS:**

* For each exercise paste the queries executed, below the questions and rename the document with answers to <your\_name>\_Assignment\_Day3.doc. Make sure the answers are in a different readable text color.
* Make it a point to try out all the queries in the slides as well.

**EX 1 : SET OPERATORS**

1. Select all the customers who have a pref\_id as 2 but are not having even one preference as inactive in the customer\_preference table.
2. Select all the customers who have pref\_id 2 and pref\_id 3 . This can be done in more than one way. Find atleast 2 methods.

**EX 11 : Index**

1. Employee table with emp\_id, dept\_id, emp\_name, Gender, salary ,location columns.

Select emp\_id, emp\_name, salary from employee

where gender = ‘M’

and location in (1,2,5);

2. Users table columns : username,city,state,country,created\_on,created\_by

i) Select \* from users

where city = ‘CHENNAI’

and state = ‘TAMILNADU’;

ii) Select \* from users

where state = ‘KERALA’;

iii) Select \* from users

where lower(country) = ‘india’;

and trunc(created\_on) >= sysdate -10;

The above queries in 1 & 2 takes more time due to huge data in the table. How can we reduce the time?

3.

i) Create Function Based Indexes using 5 different functions . What do you observe ?

Record the errors if any.