**DBS Lab Assignment # 9**

1. Create a table called

user(username, password, dob)

Insert 5 tuples in it.

Run the following queries in SQL prompt. Write JDBC programs to execute the following SQL

Statements (use create statement and prepared statement in separate)

(a) select \* from user where username='xxxx OR x=x';

(b) select \* from user where username='xxxx' AND password='pwd123 OR x=x';

(c) select \* from user where username='. . - - AND password=. . . .';

(d) select \* from user where username=' - - drop table table\_name';

1. Use HR Database

Create a cluster of tables based on cluster key dept\_id, job\_type from Employee Table. Create a cluster index using the cluster key. Fetch information about some job\_type in a given dept\_id. Check query execution statistics.

1. Use Migrant database

Create an index on skill and location from migrantW table. Retrieve information of migrant workers for a given skill and location. Check query execution statistics