

## J2EE ASSIGNMENT – 1

### JDBC Programming

Submission Date: 25<sup>th</sup> July 2016

1. Write steps to create a DSN file for Ms Access Database and Oracle Database
2. Write steps for Basic JDBC
3. W.A.P. to demonstrate the CreateStatement for Insert (Add) operation to the oracle table.
4. W.A.P. like above but for Update & Delete operation.
5. W.A.P. that demonstrate the ResultSet. Define table structure as following.

Table Name : Student

Table Fields (Sid, Sname, SGender, SBdate, SPerc, SCity)

Operations for above (Query)

- a. Display the records in the ascending order of "SBdate"
  - b. Display the records in descending order of the "Scity" whose gender is "Male"
  - c. Display the records where Scity="Jamnagar" & "Rajkot" in ascending order of "SName"
6. W.A.P. to demonstrate the PreparedStatement for Insert, Update & Delete operation for the above table.
  7. Write a program to display the records of above table using PreparedStatement and Resultset where City belongs to Baroda
  8. Write a program to demonstrate CallableStatement. Develop required procedure in oracle (use above table)
  9. Write a program to demonstrate ResultSetMetaData for the above table (at least five methods)
  10. W.A.P. to demonstrate DatabaseMetaData for the above table (at least five methods)

11. W.A.P. to define connection with Access, Oracle & MySql Database.
12. W.A.P. that selects set of records from an Oracle Table and insert them into an Access and MySql Table.
13. W.A.P. to demonstrate the CallableStatement for two Input Parameters and three OutPut Parameters
14. W.A.P. to create and drop table to Oracle and MySql Database.
15. W.A.P. to alter table structure in Oracle or MySql