

➤ Exercise-1:

- With JDBC-ODBC connection using DSN and without using DSN with Microsoft Access database.
- JDBC-ODBC example.

➤ Exercise-2:

- JDBC example.
- Statement and select query.
- Statement and insert, update and delete query.
- Select with WHERE clause.
- Search using SYSTEM.IN to get value from user for search.

➤ Exercise-3:

- Add:-
 - Insert (Do not enter null values).
- Search:-
 - Ask user to enter an existing roll no. to search using JDialog.
 - The roll no. should be search using SELECT_____WHERE query and displayed on the JFrame.
- Update:-
 - Update Query.
 - Now, click on update button and fire the update query after the user makes changes to the data in the textfield.
- Delete:-
 - Delete query.
 - Search using JDialog and delete the particular roll no.

➤ Exercise-4:

- View:-
 - Click on view, to search particular roll no. from STUDENT DETAIL table and display roll no. and name in textfield 1 and 2.
 - Now, enter mark 1, 2 & 3 and calculate total, percentage & grade and store it in STUDENT MARKSHEET table.
 - Set the property SET EDITABLE of the roll no and student name textfield as FALSE.
- Update:-
 - Same as exe-3 update query.
 - Do not updates roll no. and student name values.
- Add:-

Christ College, Rajkot
CS-28 Advance Java Programming
B.C.A. 5th Sem.

2018-19

Tutorial 2

20/06/2018

Description

- Same as exe-3 Add query.
- Delete:-
 - Same as exe-3 Delete query.
- Exercise-5:
 - Write SELECT query to join two tables STUDENT DETAILS and STUDENT MARKSHEET where studentdetails.rollno = studentmarksheet.rollno.
- Exercise-6:
 - Create a procedure on rollno and name.
 - When user click on search data entered (roll no. or name) should be displayed in JTable (use ResultSet).
 - Select query is same as exe-4 in the procedure.
- Exercise-7:
 - Same as exe-6, only select criteria is changed.
- Exercise-8:
 - To sort the records, set AUTOCREATEROWSORTER property of JTable as TRUE (Right click on JTable-> go to 'property' option->set AUTOCREATEROWSORTER as TRUE).
 - Join query is same as exe-4.
- Exercise-9 & 10:
 - Refer demo programs.