

EXPERIMENT 4: -

Program: -

DBconnect.java

```
package dbconnect;

import java.sql.*;

public class DBconnect {
    public static void main(String[] args) {
        try {
            Class.forName("com.mysql.jdbc.Driver");
            Connection con = DriverManager.getConnection("jdbc:mysql://localhost/java", "root",
"MySQL");
            Statement s = con.createStatement();
            //s.execute("create table student ( stud_id integer,stud_name varchar(20),stud_address
varchar(30) )"); // create a table
            s.execute("insert into student values(001,'Arman','Delhi')"); // insert first row into the
table
            s.execute("insert into student values(002,'Robert','Canada')"); // insert second row into the
table
            s.execute("insert into student values(003,'Ahuja','Karnal')"); // insert third row into the
table
            ResultSet rs = s.executeQuery("select * from student");
            if (rs != null) // if rs == null, then there is no record in ResultSet to show
                while (rs.next()) // By this line we will step through our data row-by-row
                {
                    System.out.println("_____");
                    System.out.println("Id of the student: " + rs.getString(1));
                    System.out.println("Name of student: " + rs.getString(2));
                    System.out.println("Address of student: " + rs.getString(3));
                    System.out.println("_____");
                }
            s.close(); // close the Statement to let the database know we're done with it
            con.close(); // close the Connection to let the database know we're done with it
        } catch (SQLException err) {
            System.out.println("ERROR: " + err);
        } catch (Exception err) {
            System.out.println("ERROR: " + err);
        }
    }
}
```

Output: -

Id of the student: 1

Name of student: Arman

Address of student: Delhi

Id of the student: 2

Name of student: Robert

Address of student: Canada

Id of the student: 3

Name of student: Ahuja

Address of student: Karnal
