**Source Code:Exp.4**

**import** java.sql.\*;

**public** **class** Database {

**public** **static** **void** main(String[] args) {

**try** {

Class.*forName*("com.mysql.jdbc.Driver");

Connection con = DriverManager.*getConnection*("jdbc:mysql://localhost/sonoo", "root", "root123");

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

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Id of the student: 2

Name of student: Robert

Address of student: Canada

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Id of the student: 3

Name of student: Ahuja

Address of student: Karnal

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