**Program 1:**

Write a program to create a connection with MySQL database.

**Code:**

package jdbcConnectivity;

import java.sql.Connection;

import java.sql.DriverManager;

public class CreateConnection {

    public static void main(String[] args) {

        try {

            //creating Connection object

         Connection con=null;

            //Register the driver

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

        //established the connection

        con=DriverManager.getConnection("jdbc:mysql://localhost:3306/studentmanagementsystem",

                "root", "mysql");

        //printing Connection Object

        System.out.println("Connection: "+con);

        }catch (Exception e) {

            System.out.println(e);

        }

    }

}

**Program 2:**

Write a program to select all the records from the table.

**Code:**

package jdbcConnectivity;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.Statement;

public class CreateTableWithSelectQuery {

    public static void main(String[] args) {

        try {

            // creating Connection object

            Connection con = null;

            // Register the driver

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

            // established the connection

            con = DriverManager.getConnection("jdbc:mysql://localhost:3306/studentmanagementsystem", "root", "mysql");

            // printing Connection Object

            System.out.println("Connection: " + con);

            // creating statement

            Statement stmt = con.createStatement();

            String sql = "create table Employee(eid int primary key auto\_increment,name varchar(30)"

                    + " not null,address varchar(50) not null,salary int not null)";

            stmt.executeUpdate(sql);

            System.out.println("table creation done successfully");

            // select query

            String selectQuery = "select \* from Employee";

            // executing query

            ResultSet rs = stmt.executeQuery(selectQuery);

            // checking data is present or not

            while (rs.next()) {

                System.out.println("Id: " + rs.getInt(1));

                // using getString(String columnLabel) method

                System.out.println("Name:" + rs.getString("name"));

                // using getString(int columnIndex) method

                System.out.println("Address: " + rs.getString(3));

                // using getString(String columnLabel) method

                System.out.println("salary: " + rs.getString("salary"));

                System.out.println("===============================================");

            }

        } catch (Exception e) {

            System.out.println(e);

        }

    }

}