```java
1  import java.sql.*;
2  import java.sql.Date;
3  import java.text.SimpleDateFormat;
4
5  public class Insert {
6      public void insertdata() throws Exception{
7          String url = "jdbc:mysql://localhost:3306/studentmanagementsystem";
8          String username = "root";
9          String password ="YES";
10         String query = "insert into students values(?,?,?,?,?,?,?)";
11         Connection con = DriverManager.getConnection(url,username,password);
12         PreparedStatement pst = con.prepareStatement(query);
13         pst.setString(1, "cs2035");
14         pst.setString(2,"aaa");
15         pst.setString(3, "I");
16         String dob = "2000-11-14";
17         SimpleDateFormat obj = new SimpleDateFormat("yyyy-MM-dd");
18         java.util.Date utilDateofBirth = obj.parse(dob);
19         Date sqlDateofBirth = new Date(utilDateofBirth.getTime());
20         pst.setDate(4, sqlDateofBirth);
21         pst.setString(5, "female");
22         pst.setString(6, "aaa123@gmail.com");
23         pst.setString(7, "65769863878");
24         pst.executeUpdate();
25         con.close();
26
27     }
28     public static void main(String[] args) throws Exception {
29         Insert object = new Insert();
30         object.insertdata();
31
32
33     }
34
35 }
36
```

```java
 import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.SQLException;
import java.sql.Statement;

public class JDBCEmployeeExample {
    private static final String URL = "jdbc:mysql://localhost:3306/employeedb";
    private static final String USER = "root";
    private static final String PASSWORD = "1234";
    private static Connection connection;
    private static Statement statement;

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

            connection = DriverManager.getConnection(URL, USER, PASSWORD);
            statement = connection.createStatement();
            createEmployeeTable();
            insertData();
            updateData();
            deleteData();
        } catch (SQLException e) {
            e.printStackTrace();
        } finally {

            try {
                if (statement != null)
                    statement.close();
                if (connection != null)
                    connection.close();
            } catch (SQLException e) {
                e.printStackTrace();
            }
        }
    }

    private static void createEmployeeTable() throws SQLException {
        String createTableSQL = "CREATE TABLE Employee (" +
                    "id INT AUTO_INCREMENT PRIMARY KEY," +
                    "name VARCHAR(100) NOT NULL," +
                    "age INT NOT NULL)";
        statement.execute(createTableSQL);
```

```java
        System.out.println("Employee table created successfully.");
    }

    private static void insertData() throws SQLException {
        String insertSQL = "INSERT INTO Employee (name, age) VALUES ('John Doe', 30)";
        statement.executeUpdate(insertSQL);
        System.out.println("Data inserted successfully.");
    }

    private static void updateData() throws SQLException {
        String updateSQL = "UPDATE Employee SET age = 31 WHERE name = 'John Doe'";
        statement.executeUpdate(updateSQL);
        System.out.println("Data updated successfully.");
    }

    private static void deleteData() throws SQLException {
        String deleteSQL = "DELETE FROM Employee WHERE name = 'John Doe'";
        statement.executeUpdate(deleteSQL);
        System.out.println("Data deleted successfully.");
    }
}
```