

Assignment 9.

Make a new file `read.txt`
add a data of student assigned as
name, rollnumber, marks, percentage.
tom, 101, 500, 95%

of 10 student.

Read a txt file and insert it into

make a database connection and
store the data in student table
with attribute name varchar(30),
rollnumber int(10), marks int(10),
percentage int(10)

```
import java.sql.*;
```

```
class JDBCExample
```

```

static Final String JDBC_DRIVER =
"com.mysql.jdbc.driver";
static Final String DB_URL =
"jdbc:mysql://localhost:3306/STUDENT";
static Final String USER = "root";
static Final String PASS = "";
public static void main (String [] args)
{
    Connection conn = null;
    Statement stmt = null;
```

```
class.forName("com.mysql.jdbc.  
Driver");  
System.out.println("Connecting to a  
selected database...");  
conn = DriverManager.getConnection  
(DB_URL, USER, PASS);  
System.out.println("Inserting records  
into the table...");  
stmt = conn.createStatement();  
String sql = "INSERT INTO 'student'  
'rollno', 'name', 'marks', 'percentage')  
VALUES ('103', 'tom', 1625, '97%');  
stmt.executeUpdate(sql);  
System.out.println("Inserted records  
into the table...");  
catch (SQLException e) {  
    e.printStackTrace();  
}  
catch (Exception e) {  
    e.printStackTrace();  
}  
finally {  
}
```

```
try {  
    Class.forName("com.mysql.jdbc.Driver");  
    Connection conn = DriverManager.getConnection("jdbc:mysql://localhost:3306/test", "root", "root");  
    Statement stmt = conn.createStatement();  
    String sql = "SELECT * FROM student";  
    ResultSet rs = stmt.executeQuery(sql);  
    while (rs.next()) {  
        System.out.println(rs.getString("id") + " " + rs.getString("name"));  
    }  
    rs.close();  
    stmt.close();  
    conn.close();  
}  
catch (SQLException e) {  
    e.printStackTrace();  
}  
if (conn != null)  
    conn.close();  
  
catch (SQLException e) {  
    e.printStackTrace();  
}  
System.out.println("Bye!");
```

```

import org.apache.ibatis.Resources;
import org.apache.ibatis.session.SqlSession;
import org.apache.ibatis.session.SqlSessionFactory;
import org.apache.ibatis.session.SqlSessionFactoryBuilder;

```

```

public class mybatisRead {
    public static void main(String args[]) throws IOException {
        int i = 1;
        Reader reader = Resources.getResourceAsStream("sqlmapconfig.xml");
        SqlSessionFactory SqlSessionFactory = new SqlSessionFactoryBuilder().build(reader);
    }
}

```

```

SqlSession session = SqlSessionFactory.openSession();
// Select a particular student by rollno
Student student = session.selectOne("student.getByrollno",
    103);
// Print the student details

```

```
System.out.println(student.getrollno());  
System.out.println(student.getName());  
System.out.println(student.getmarks());  
System.out.println(student.getpercentage());
```

```
session.commit();
```

```
session.close();
```

```
}
```

```
}
```

Output:

103

Tom

625

97 %