

# **ENTERPRISE SYSTEM DEVELOPMENT (SSE4354)**

# LAB DOCUMENTATION: JDBC PRACTICAL

NAME: IYLIA YASMIN BINTI SHAMSUL

**MATRIC NO.: 195890** 

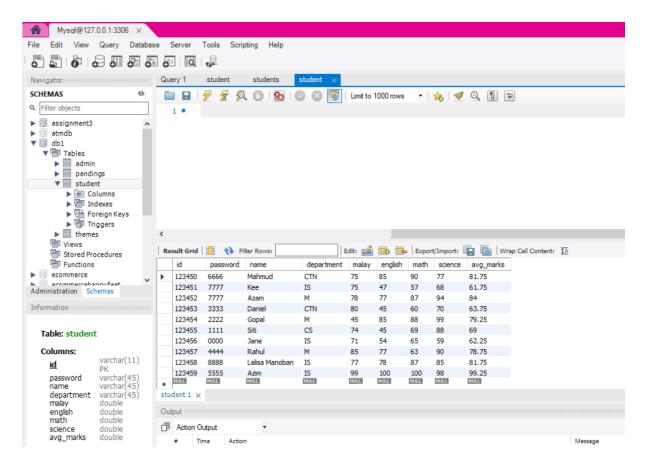
**GROUP NO.: 1** 

LECTURER: PROF. MADYA DR. MARZANAH A. JABAR

LAB INSTRUCTOR: MR MAHMOUD

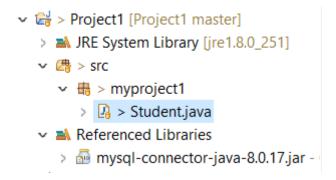
This program is written in JAVA with the implementation of Java Database Connectivity(JDBC) with MySQLWorkBench 8.0 CE.

Database: MySQLWorkBench 8.0 CE



A database with connection name of db1 is created for this program. In db1, a table named Student is created with columns of id, password, name, department, malay, english, math, science and avg\_marks. Each of the columns were filled in with data according to their data type.

### Java Project: Eclipse



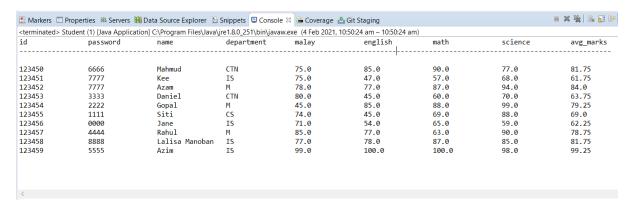
The Java project is created in Eclipse with the name of Project1 under package name myproject1 with mysql-connector-java-8.0.12.jar as the MySQL Driver for database connectivity. A Student.java class is created under Project1.

### **Code for JDBC Practical Lab in Eclipse:**

```
Descentages myroject;

| package myroject;
| import java.sql.*;
| public class Student (
| public class Student (
| class.forMome('com.mysql.cj.jdec.Driver');
| String url = "jdbc:mysql.*/localhost:3306/dbl?useUnicodestrueBuseJDBCCompliantTimezoneShift=trueBuseLegacyDatetimeCode=falseBserverTimezone=UTC";
| Connection cuDriverManager.getConnection(url, "root", "Database2019");
| Connection cuDriverManager.getConnection(url, "root", "Database2019©CCompliantTimezoneShift=trueBuse2019CCCompliantTimezoneShift=trueBuse2019CCCompliantTimezoneShift=trueBuse2019CCCompliantTimezoneShift=trueBuse2019CCCompliantTimezoneShift=trueBuse2019CCCompliantTimezoneShift=trueBuse2019CCCompliantTimezoneShift=trueBuse2019CCCompliantTimezoneShift=trueBuse2019CCCCOmpliantTimezoneShift=trueBuse2019CCCCCOmpliantTimezoneS
```

## Output of the code:



Each of the data in every column of Student table in db1 database is successfully retrieved and displayed in a table as the output.