**Lab 10**

Fizza Shafiq

BSCS-4A

**Introduction:**

This lab introduced us to 2 concepts simultaneously:

1. Maven
2. Hibernate

First I created a project in net beans of maven. Then the documents provided by the instructor were added to this. Also a Database was created named “gradebook”.

A few dependencies were downloaded from the internet.

The tables in the database were filled in automatically by the hibernate.

1st task:

To execute the code. First a few dependencies were added in pom.xml. Then we build the code.

2nd task:

The update and add option for the user for the following has been added:

1. Grade
2. Student
3. CLO
4. Course
5. Teacher

**GitHUB:**

**https://github.com/fizzaShafiq/lab10-gradebook**