

**HIBERNATE & JPA COURSE**

# **EXERCISE**

**LOADING SMS\_BD DATABASE**

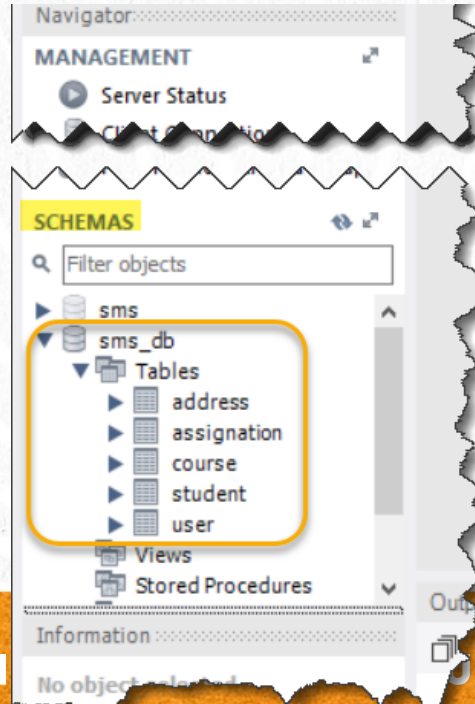


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# EXERCISE OBJECTIVE

Load the complete SMS database into a database called sms\_db. At the end we should observe the following:



# 1. DOWNLOAD THE DATABASE SCRIPT

Download the sga\_db database script from the following link:

[http://icursos.net/en/Hibernate/Lesson04/sms\\_db.sql](http://icursos.net/en/Hibernate/Lesson04/sms_db.sql)



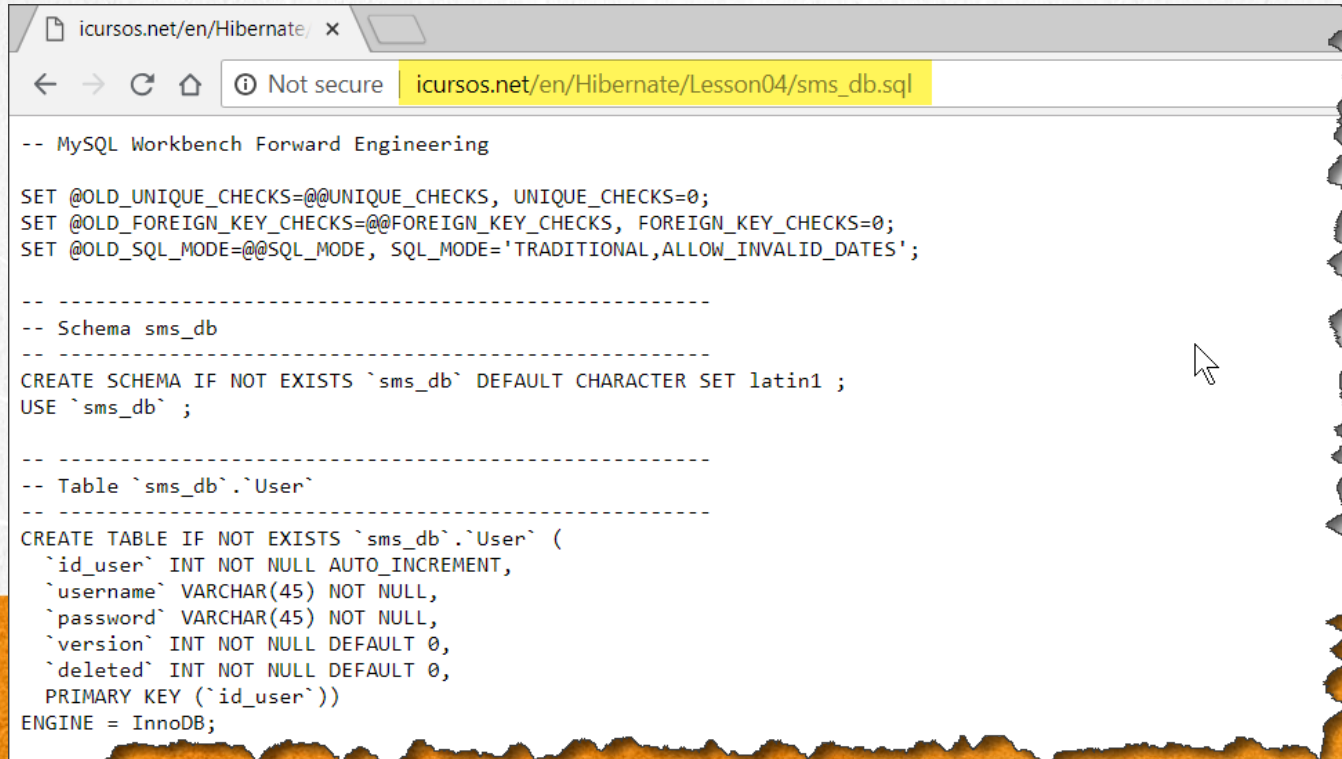
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# 1. DOWNLOAD THE DATABASE SCRIPT

Download the sms\_db database script from the following link. Save it to some local disk path. For example, save it in the path c:\Courses\Hibernate

A screenshot of a web browser window with a torn paper effect on the right side. The browser's address bar shows the URL 'icursos.net/en/Hibernate/Lesson04/sms\_db.sql'. The page content displays a MySQL script for creating a database and a table. The script includes comments for MySQL Workbench Forward Engineering, setting old values for unique and foreign key checks, and SQL mode. It then creates a schema named 'sms\_db' and a table named 'User' within that schema. The 'User' table has columns for 'id\_user', 'username', 'password', 'version', and 'deleted', with 'id\_user' as the primary key. The script is executed using the InnoDB engine.

```
-- MySQL Workbench Forward Engineering

SET @OLD_UNIQUE_CHECKS=@@UNIQUE_CHECKS, UNIQUE_CHECKS=0;
SET @OLD_FOREIGN_KEY_CHECKS=@@FOREIGN_KEY_CHECKS, FOREIGN_KEY_CHECKS=0;
SET @OLD_SQL_MODE=@@SQL_MODE, SQL_MODE='TRADITIONAL,ALLOW_INVALID_DATES';

-- Schema sms_db

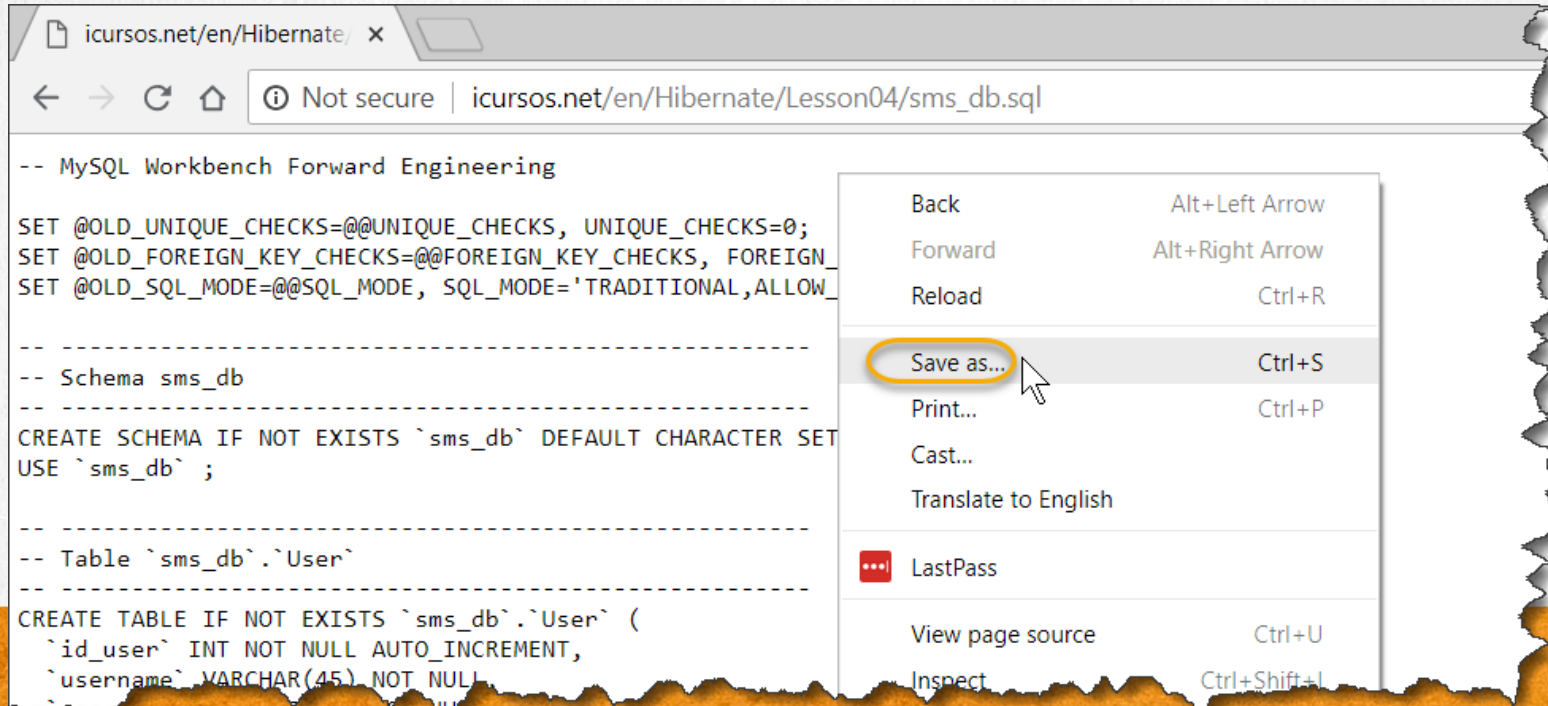
CREATE SCHEMA IF NOT EXISTS `sms_db` DEFAULT CHARACTER SET latin1 ;
USE `sms_db` ;

-- Table `sms_db`.`User`

CREATE TABLE IF NOT EXISTS `sms_db`.`User` (
  `id_user` INT NOT NULL AUTO_INCREMENT,
  `username` VARCHAR(45) NOT NULL,
  `password` VARCHAR(45) NOT NULL,
  `version` INT NOT NULL DEFAULT 0,
  `deleted` INT NOT NULL DEFAULT 0,
  PRIMARY KEY (`id_user`))
ENGINE = InnoDB;
```

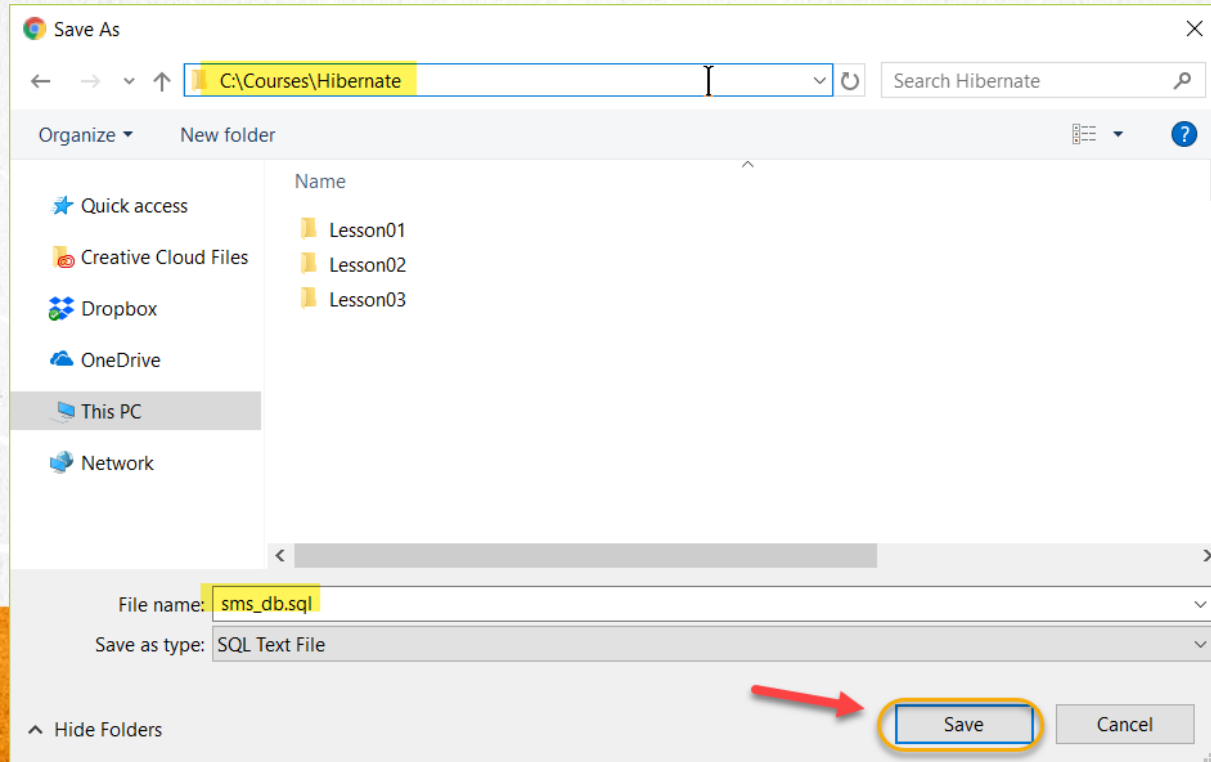
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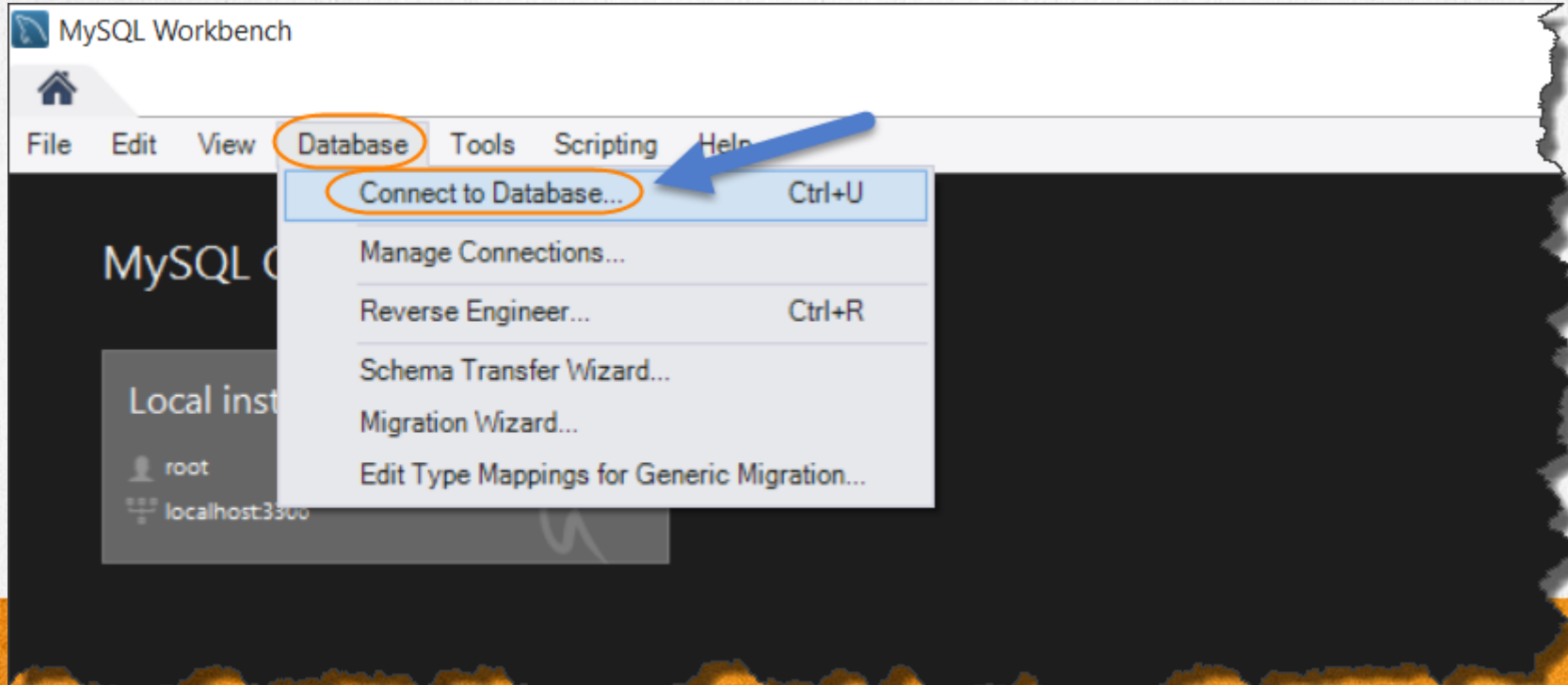
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## 2. LOAD THE DATABASE SCRIPT

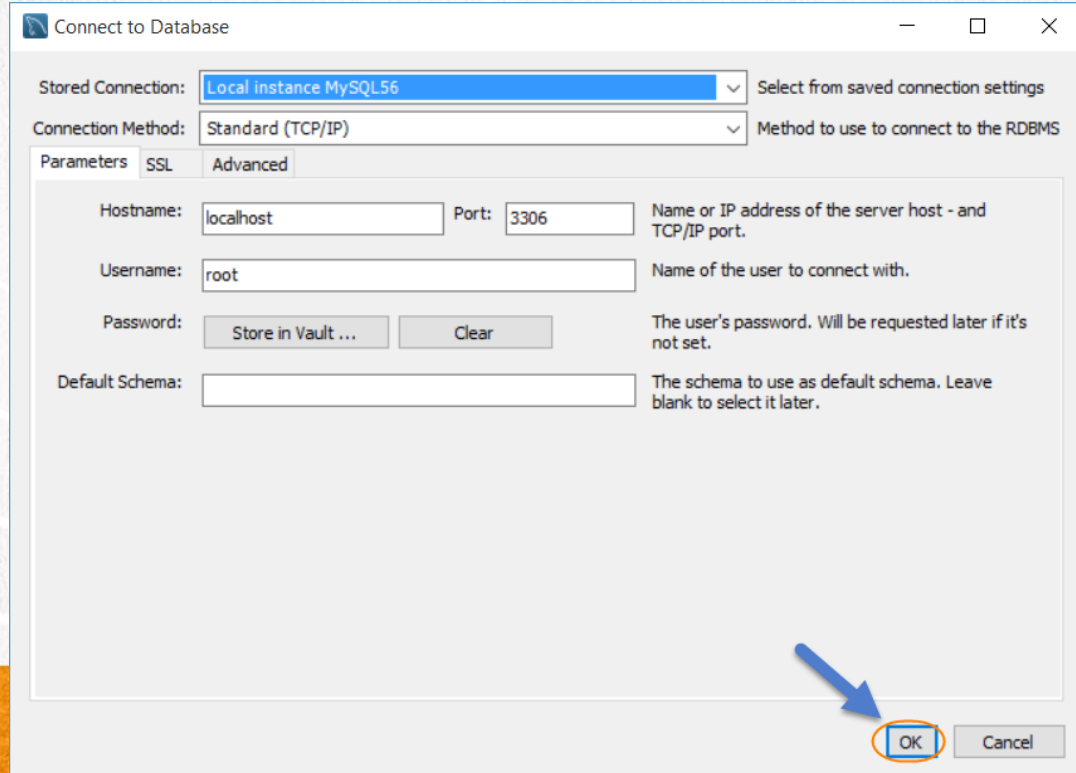
Open MySql Workbench and load the database script :





## 2. LOAD THE DATABASE SCRIPT

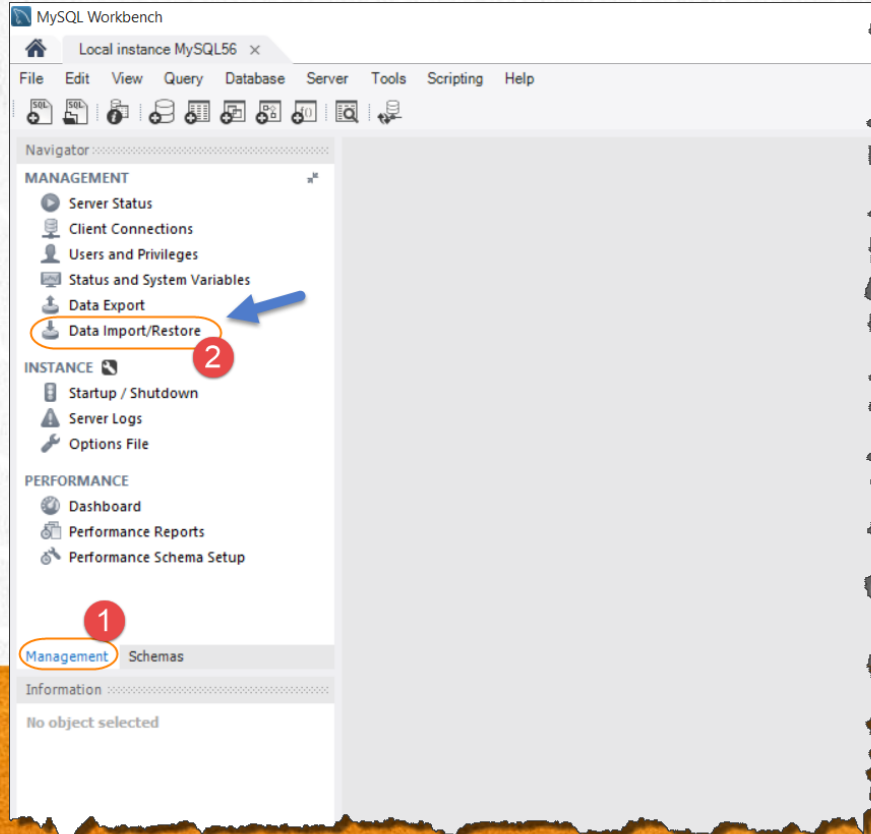
Open MySql Workbench and load the database script :



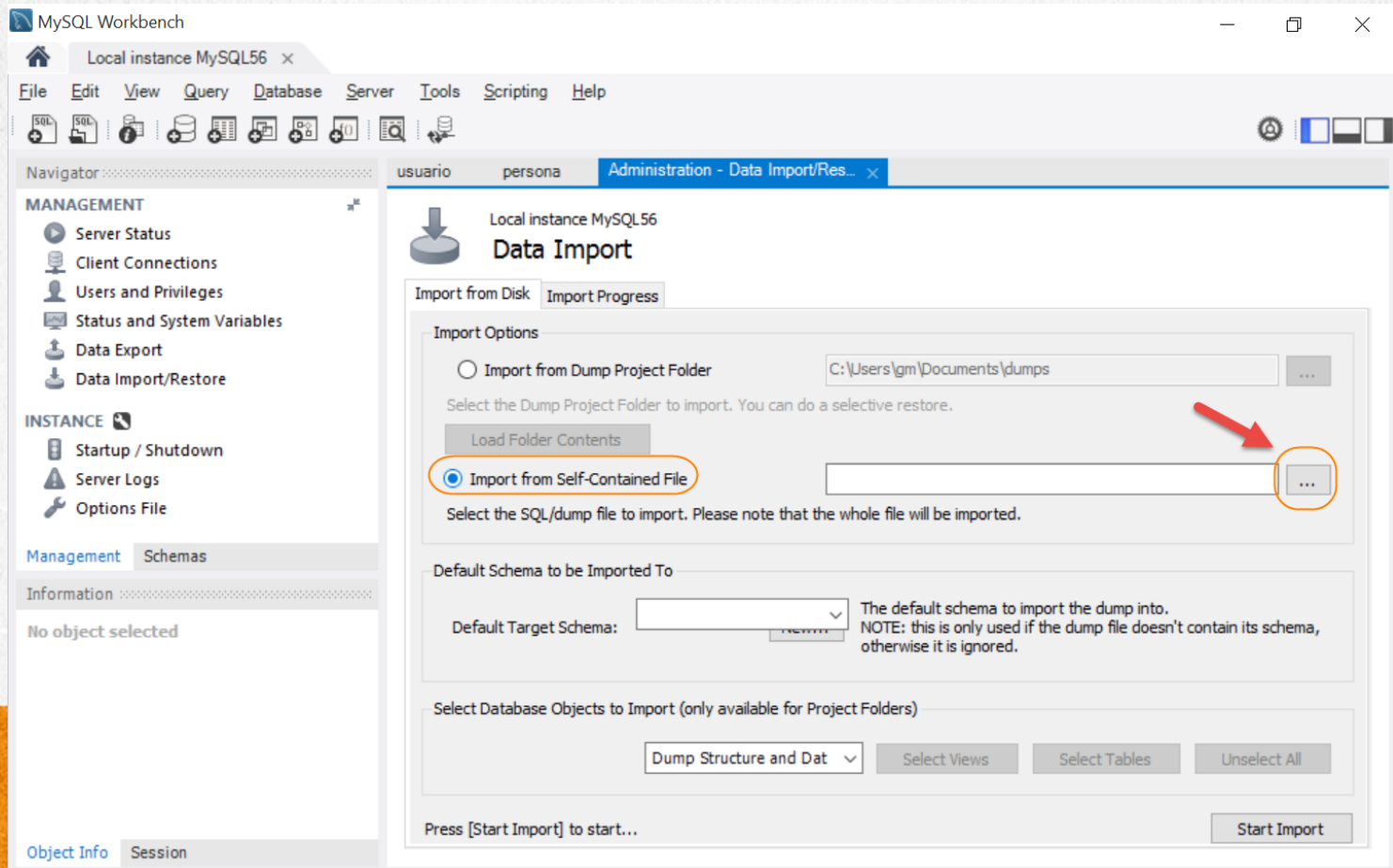


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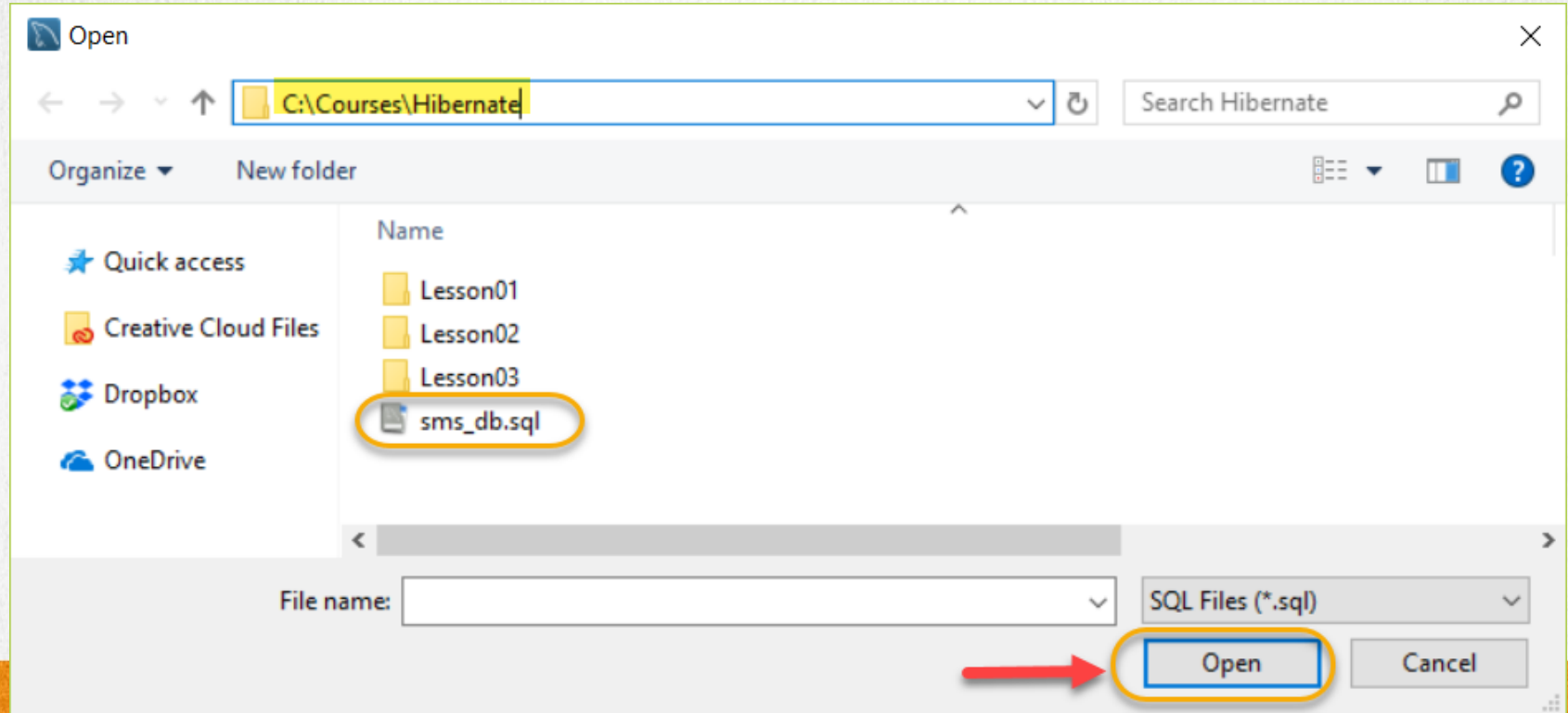
Open MySql Workbench and load the database script :



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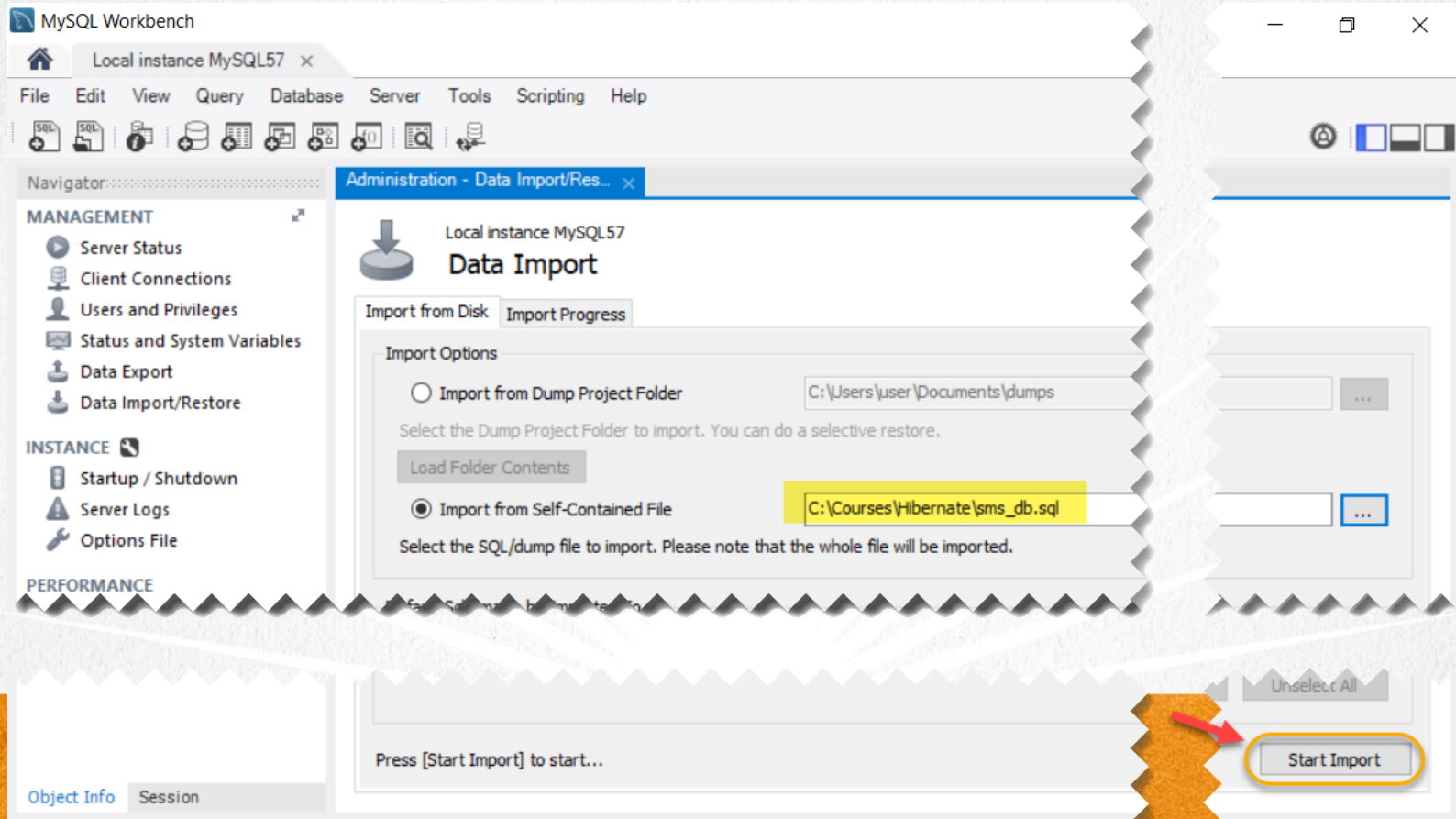


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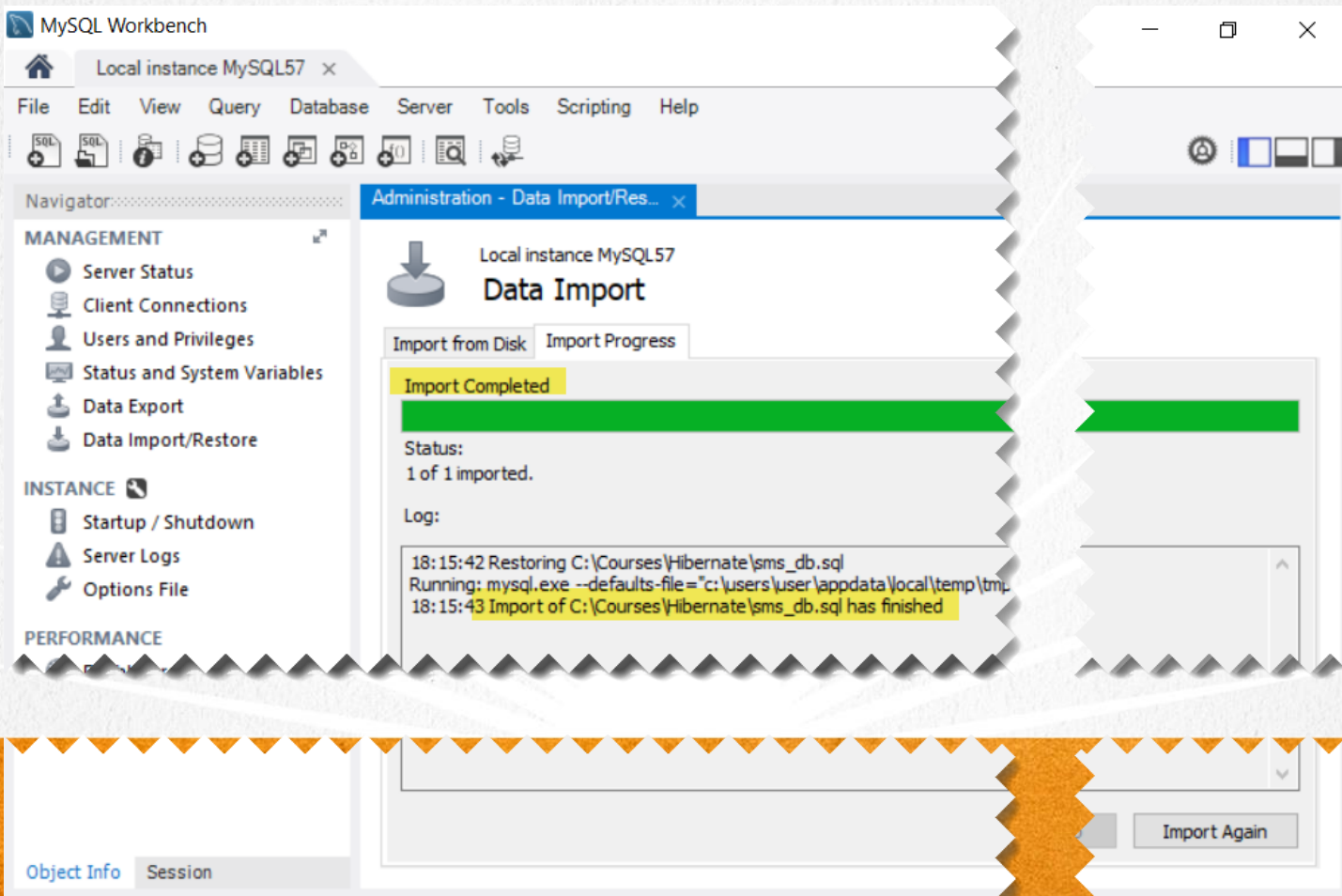




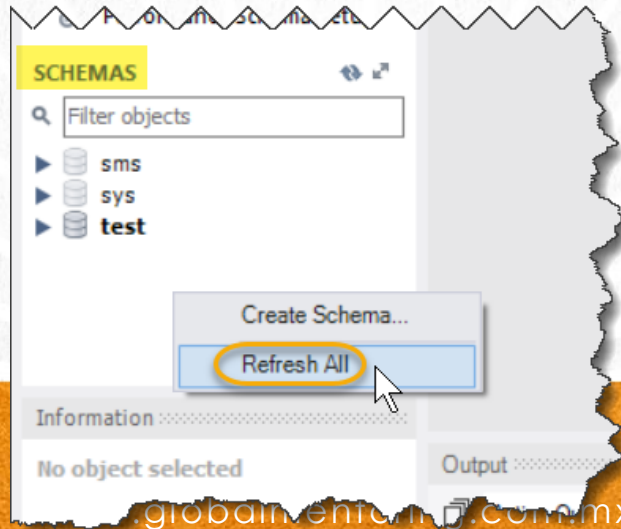
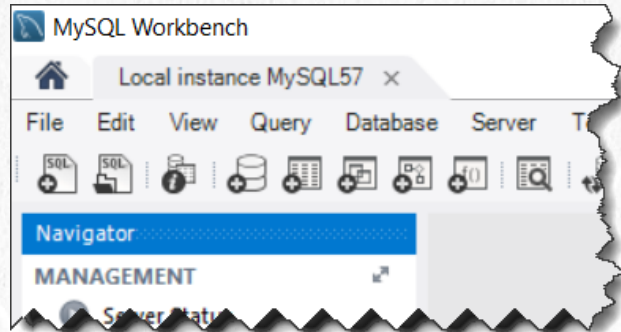
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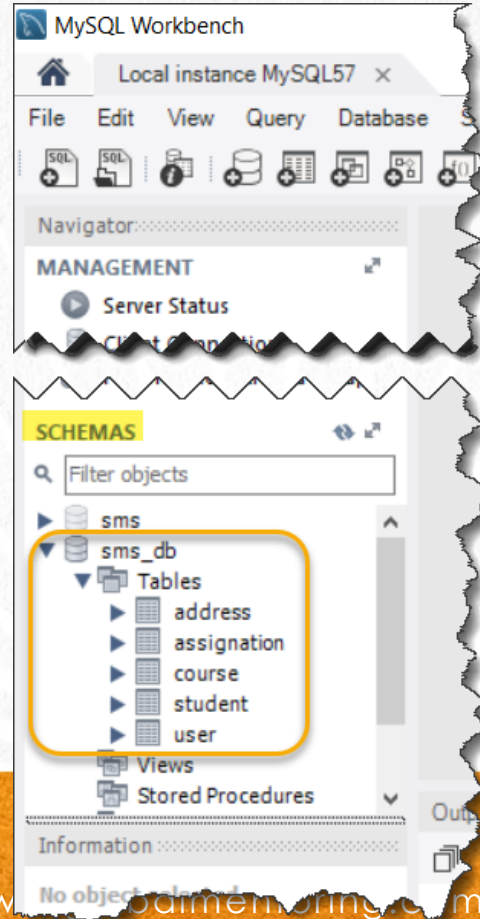


## 2. LOAD THE DATABASE SCRIPT





## 2. LOAD THE DATABASE SCRIPT



# EXERCISE CONCLUSION

As this exercise we have loaded the SGA database.

With this we are ready to continue with the Hibernate & JPA Course.



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