

CURSO DE HIBERNATE Y JPA

EJERCICIO

**CARGA BASE DE DATOS
SGA_BD**



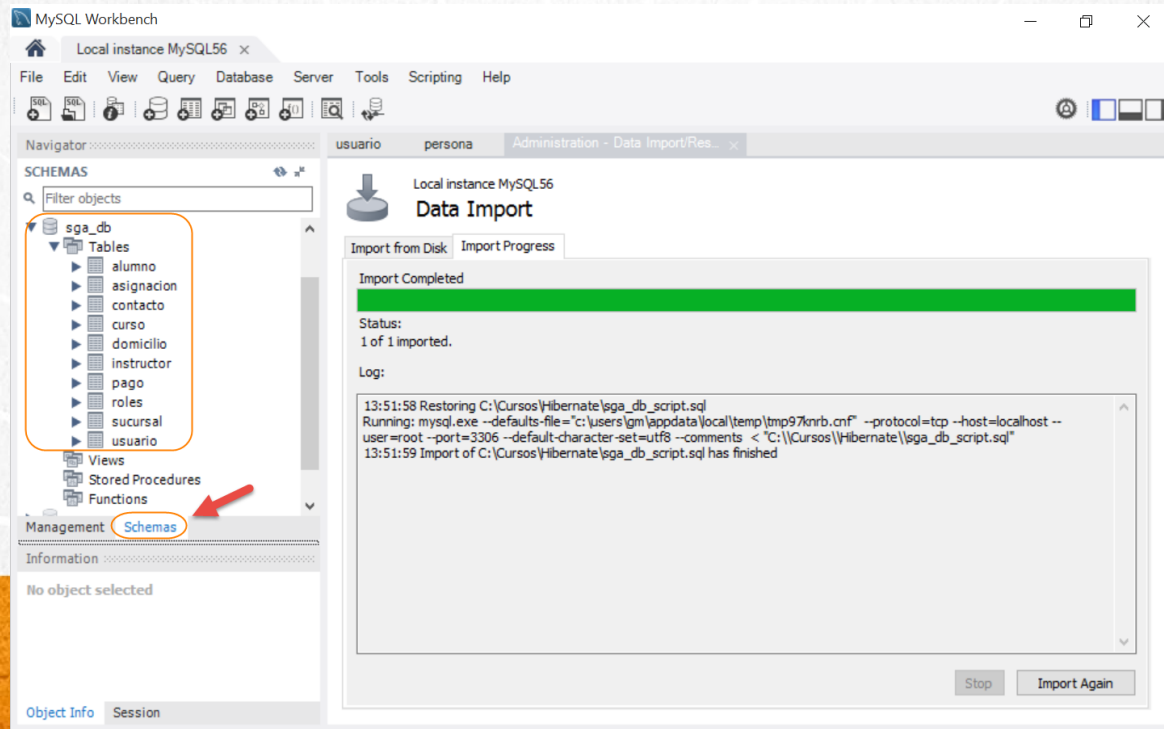
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OBJETIVO DEL EJERCICIO

Cargar la base de datos completa de SGA en una base de datos llamada sga_db. Al finalizar deberemos observar lo siguiente:



PASO 1. DESCARGAR EL SCRIPT DE LA BD

Descargar el script de la base de datos sga_db del siguiente link:

http://icursos.net/cursos/Hibernate/Leccion04/sga_db_script.sql



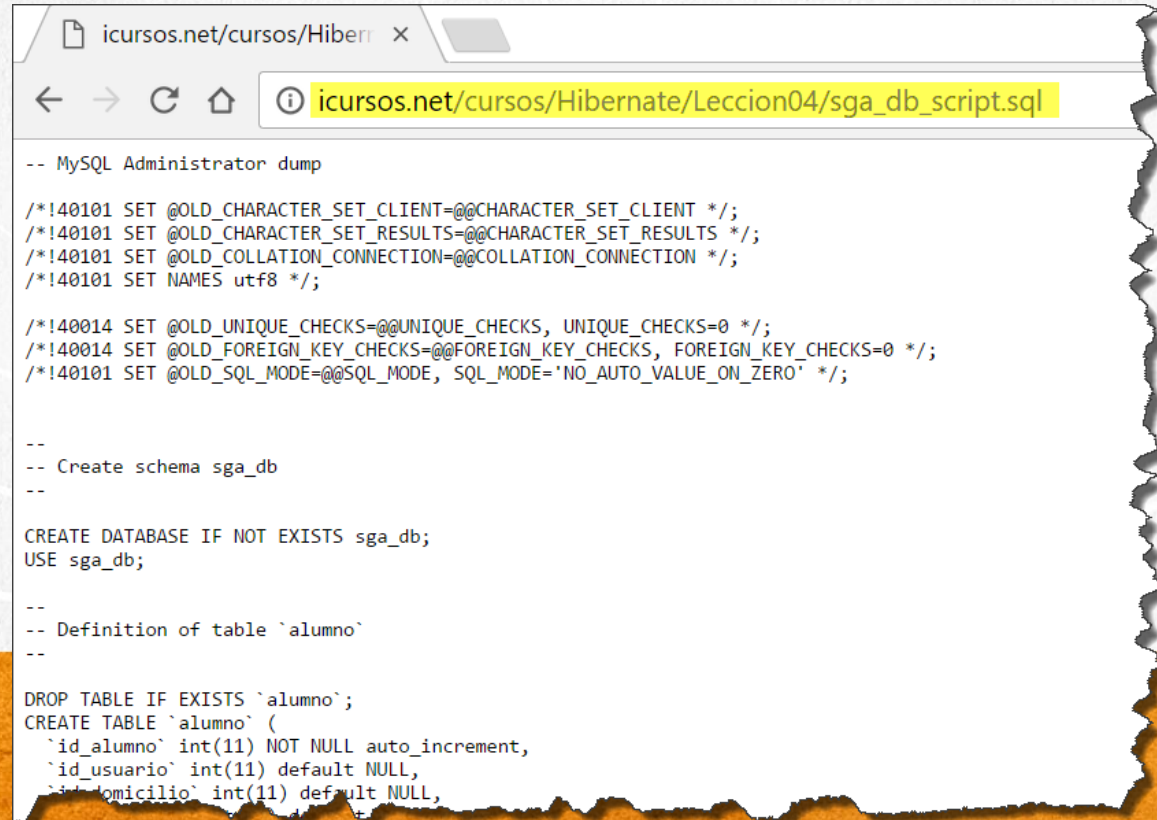
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PASO 1. DESCARGAR EL SCRIPT DE LA BD

Descargar el script de la base de datos sga_db del siguiente link:



The screenshot shows a web browser window with the address bar displaying `icursos.net/cursos/Hibern` and the full URL `icursos.net/cursos/Hibernate/Leccion04/sga_db_script.sql` highlighted in yellow. The page content is a MySQL script for creating a database and a table. The script includes comments for MySQL Administrator dump, character set settings, unique and foreign key checks, and the creation of the `sga_db` database and the `alumno` table. The table has columns `id_alumno`, `id_usuario`, and `id_domicilio`.

```
-- MySQL Administrator dump

/*!40101 SET @OLD_CHARACTER_SET_CLIENT=@@CHARACTER_SET_CLIENT */;
/*!40101 SET @OLD_CHARACTER_SET_RESULTS=@@CHARACTER_SET_RESULTS */;
/*!40101 SET @OLD_COLLATION_CONNECTION=@@COLLATION_CONNECTION */;
/*!40101 SET NAMES utf8 */;

/*!40014 SET @OLD_UNIQUE_CHECKS=@@UNIQUE_CHECKS, UNIQUE_CHECKS=0 */;
/*!40014 SET @OLD_FOREIGN_KEY_CHECKS=@@FOREIGN_KEY_CHECKS, FOREIGN_KEY_CHECKS=0 */;
/*!40101 SET @OLD_SQL_MODE=@@SQL_MODE, SQL_MODE='NO_AUTO_VALUE_ON_ZERO' */;

--
-- Create schema sga_db
--

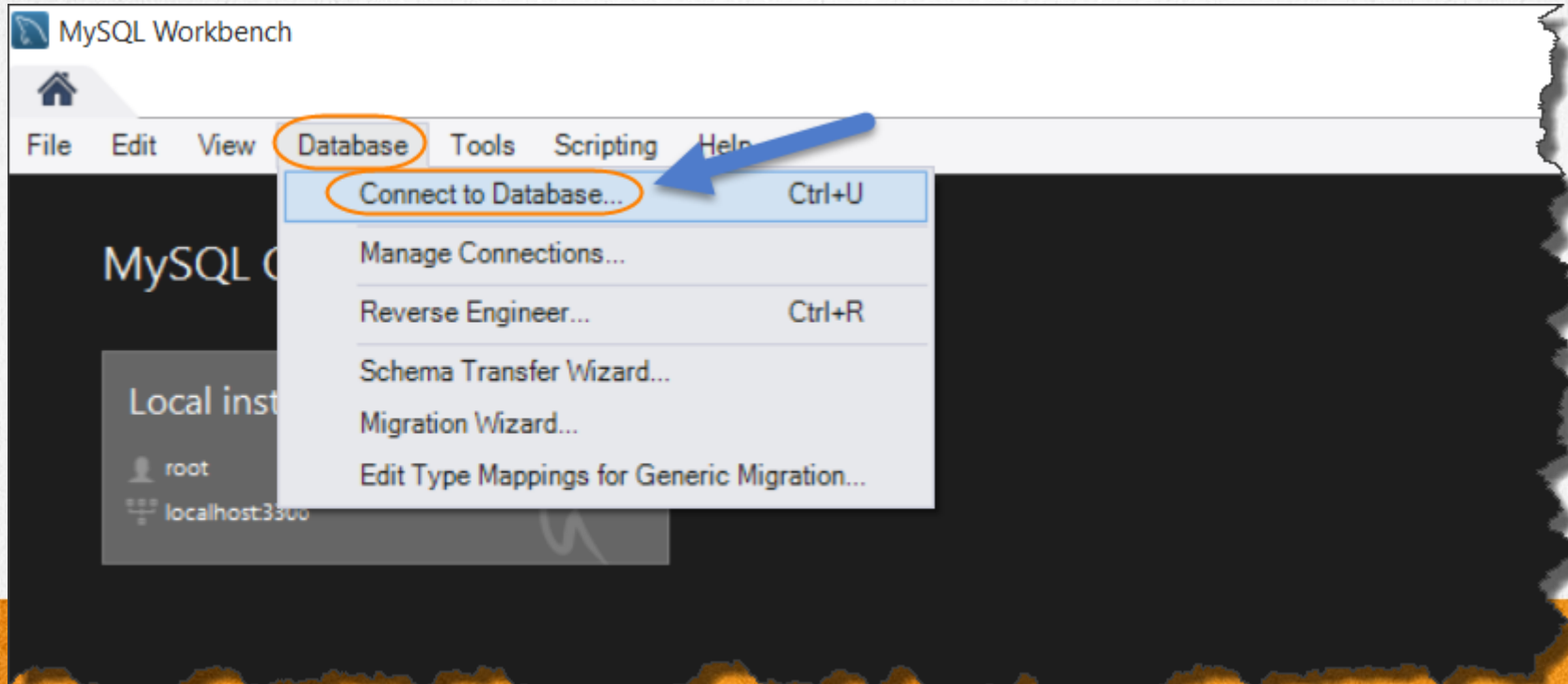
CREATE DATABASE IF NOT EXISTS sga_db;
USE sga_db;

--
-- Definition of table `alumno`
--

DROP TABLE IF EXISTS `alumno`;
CREATE TABLE `alumno` (
  `id_alumno` int(11) NOT NULL auto_increment,
  `id_usuario` int(11) default NULL,
  `id_domicilio` int(11) default NULL,
```

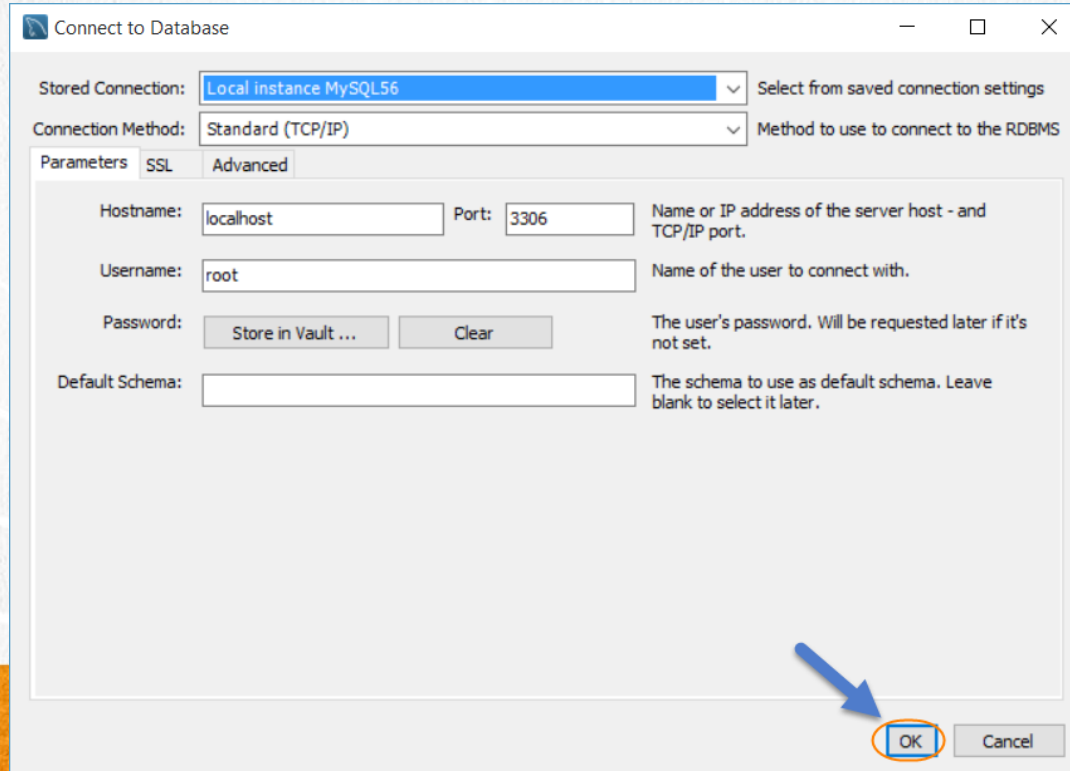
PASO 2. CARGAR EL SCRIPT DE LA BD

Abrir MySql Workbench y cargar el script de la base de datos:



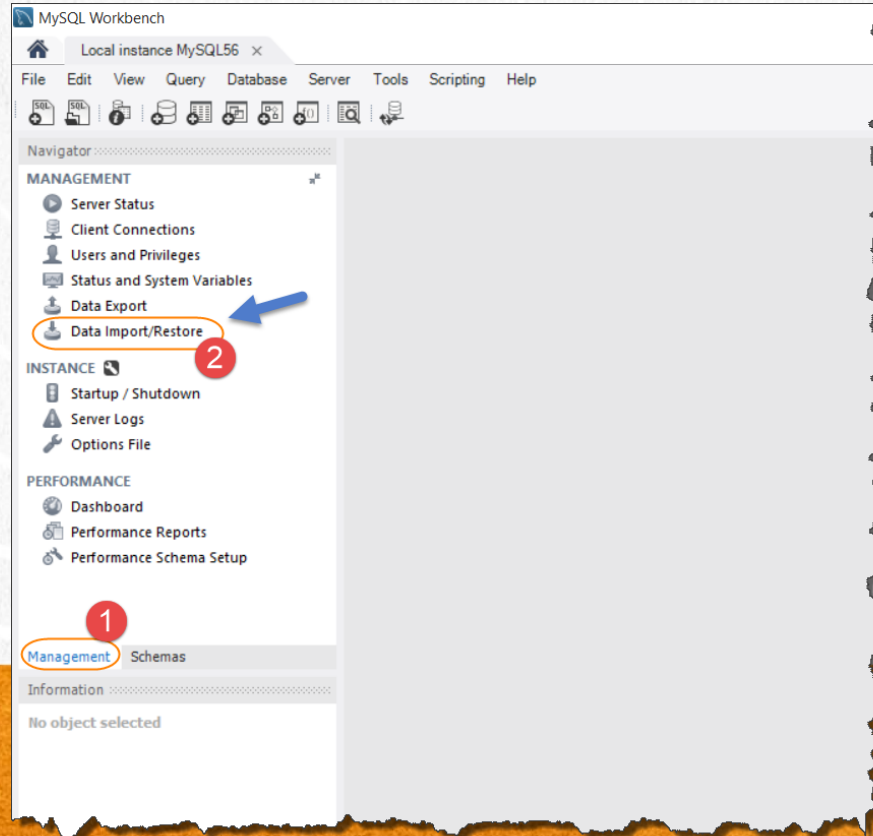
PASO 2. CARGAR EL SCRIPT DE LA BD

Abrir MySql Workbench y cargar el script de la base de datos:

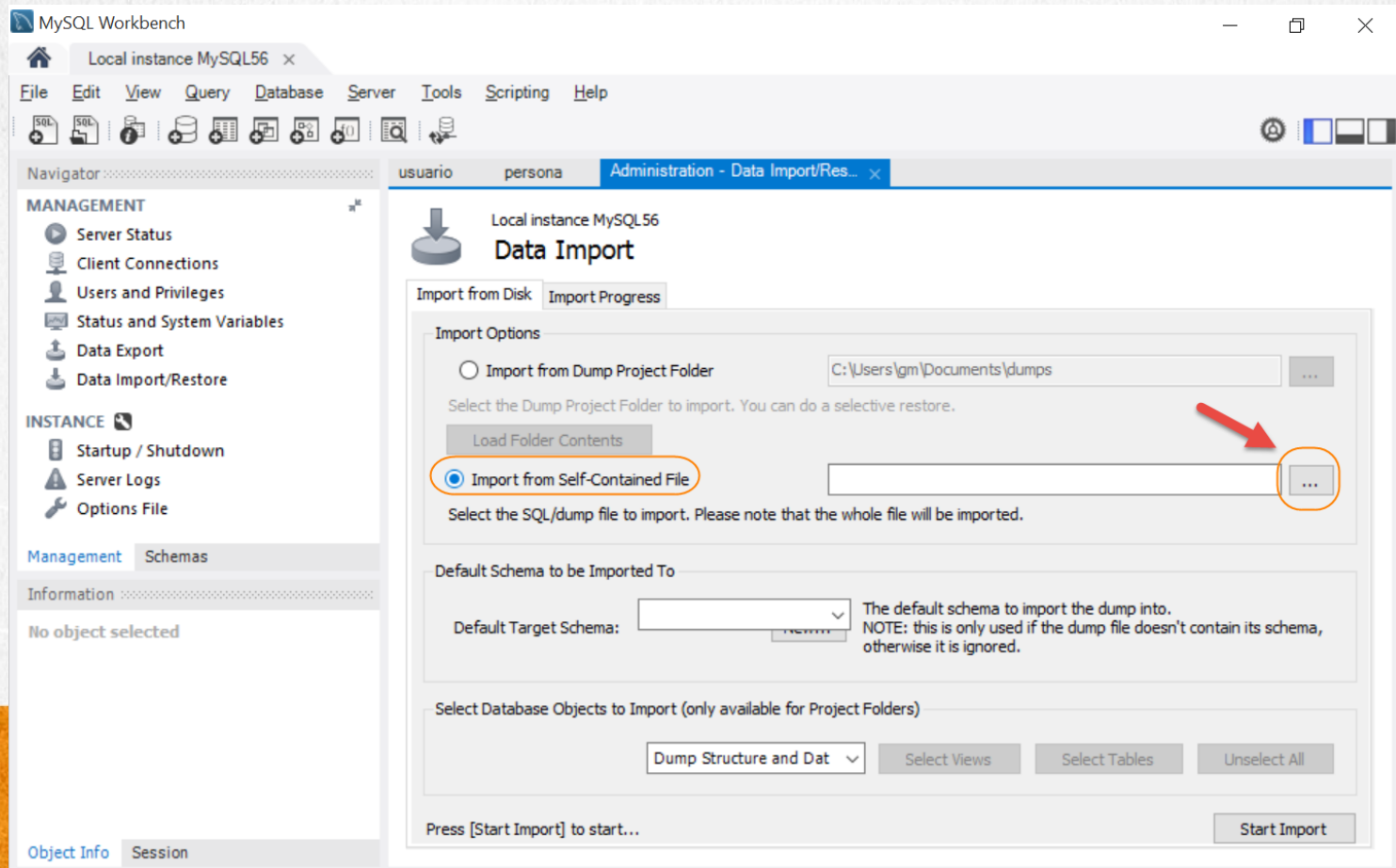


PASO 2. CARGAR EL SCRIPT DE LA BD

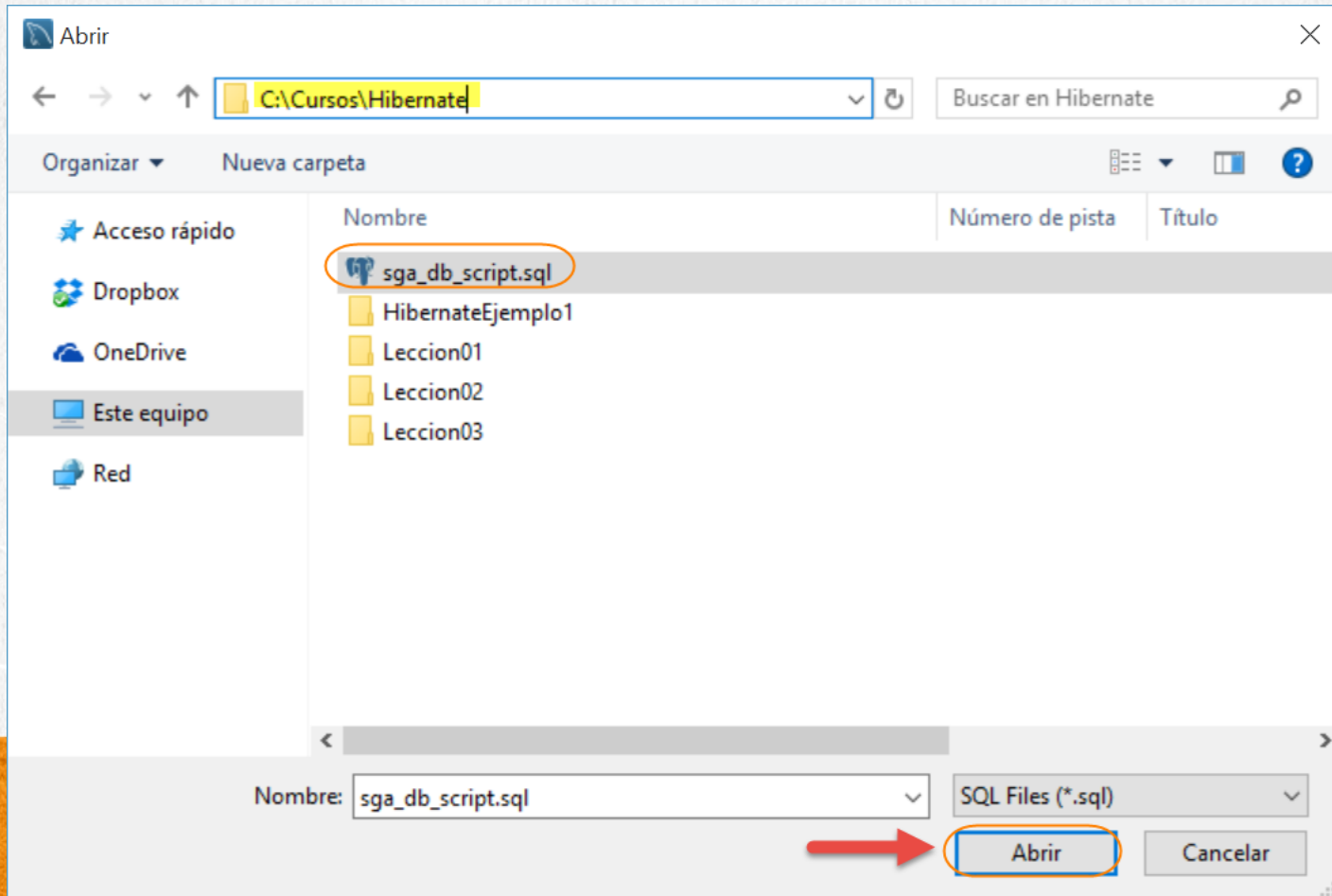
Abrir MySql Workbench y cargar el script de la base de datos:



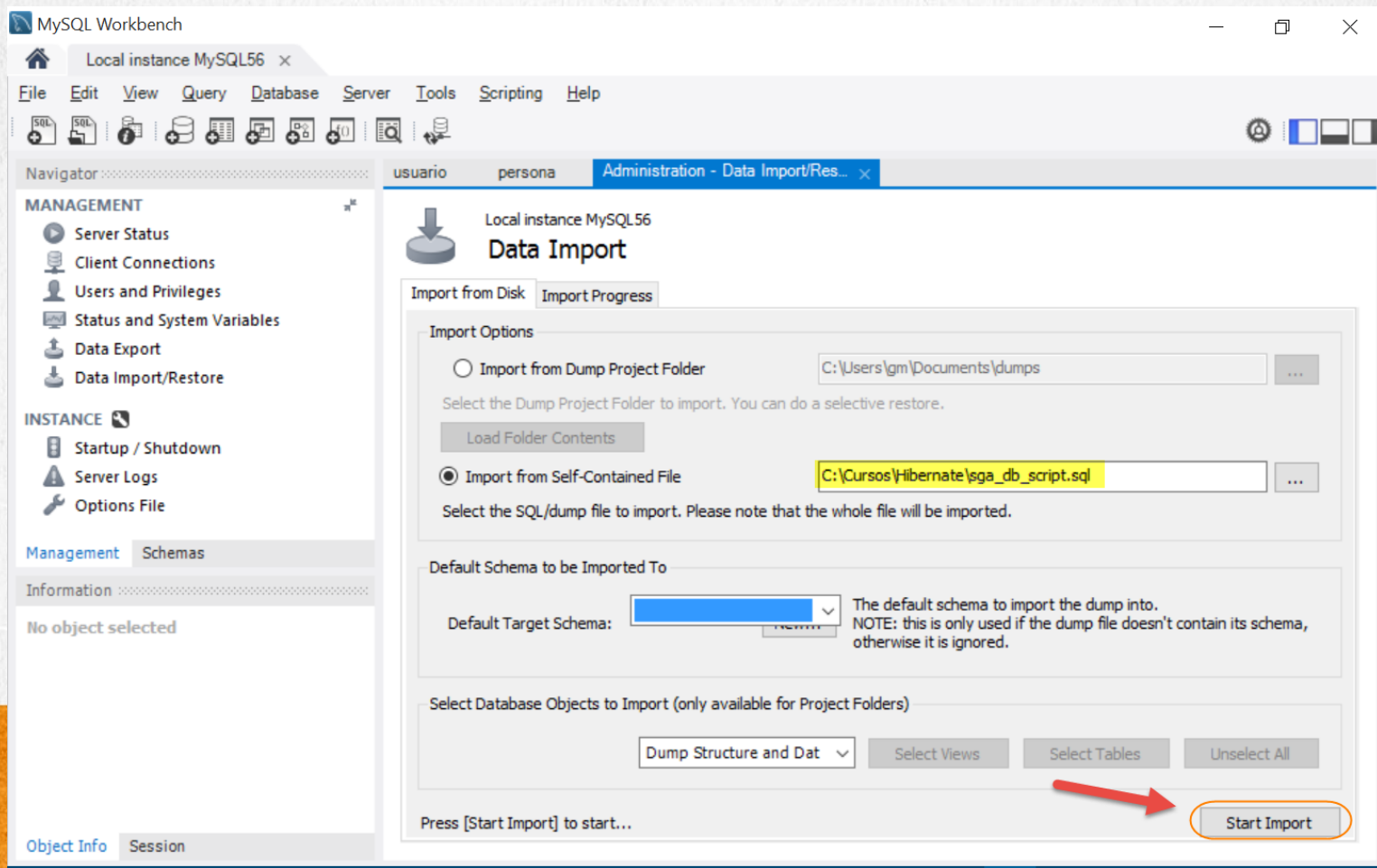
PASO 2. CARGAR EL SCRIPT DE LA BD



PASO 2. CARGAR EL SCRIPT DE LA BD



PASO 2. CARGAR EL SCRIPT DE LA BD



The screenshot shows the MySQL Workbench interface with the 'Data Import' wizard open. The wizard is titled 'Local instance MySQL56' and 'Data Import'. It has two tabs: 'Import from Disk' and 'Import Progress'. The 'Import Options' section has two radio buttons: 'Import from Dump Project Folder' (unselected) and 'Import from Self-Contained File' (selected). The 'Import from Self-Contained File' option has a text field containing 'C:\Cursos\Hibernate\sga_db_script.sql'. Below this, the 'Default Schema to be Imported To' section has a dropdown menu for 'Default Target Schema' and a note: 'The default schema to import the dump into. NOTE: this is only used if the dump file doesn't contain its schema, otherwise it is ignored.' The 'Select Database Objects to Import (only available for Project Folders)' section has a dropdown menu for 'Dump Structure and Dat' and buttons for 'Select Views', 'Select Tables', and 'Unselect All'. At the bottom, there is a red arrow pointing to the 'Start Import' button, which is highlighted with an orange circle. The text 'Press [Start Import] to start...' is visible above the button.

MySQL Workbench

Local instance MySQL56 x

File Edit View Query Database Server Tools Scripting Help

Navigator

MANAGEMENT

- Server Status
- Client Connections
- Users and Privileges
- Status and System Variables
- Data Export
- Data Import/Restore

INSTANCE

- Startup / Shutdown
- Server Logs
- Options File

Management Schemas

Information

No object selected

usuario persona Administration - Data Import/Res...

Local instance MySQL56

Data Import

Import from Disk Import Progress

Import Options

☐ Import from Dump Project Folder C:\Users\gm\Documents\dumps ...

Select the Dump Project Folder to import. You can do a selective restore.

Load Folder Contents

☒ Import from Self-Contained File C:\Cursos\Hibernate\sga_db_script.sql ...

Select the SQL/dump file to import. Please note that the whole file will be imported.

Default Schema to be Imported To

Default Target Schema: [dropdown] The default schema to import the dump into.
NOTE: this is only used if the dump file doesn't contain its schema, otherwise it is ignored.

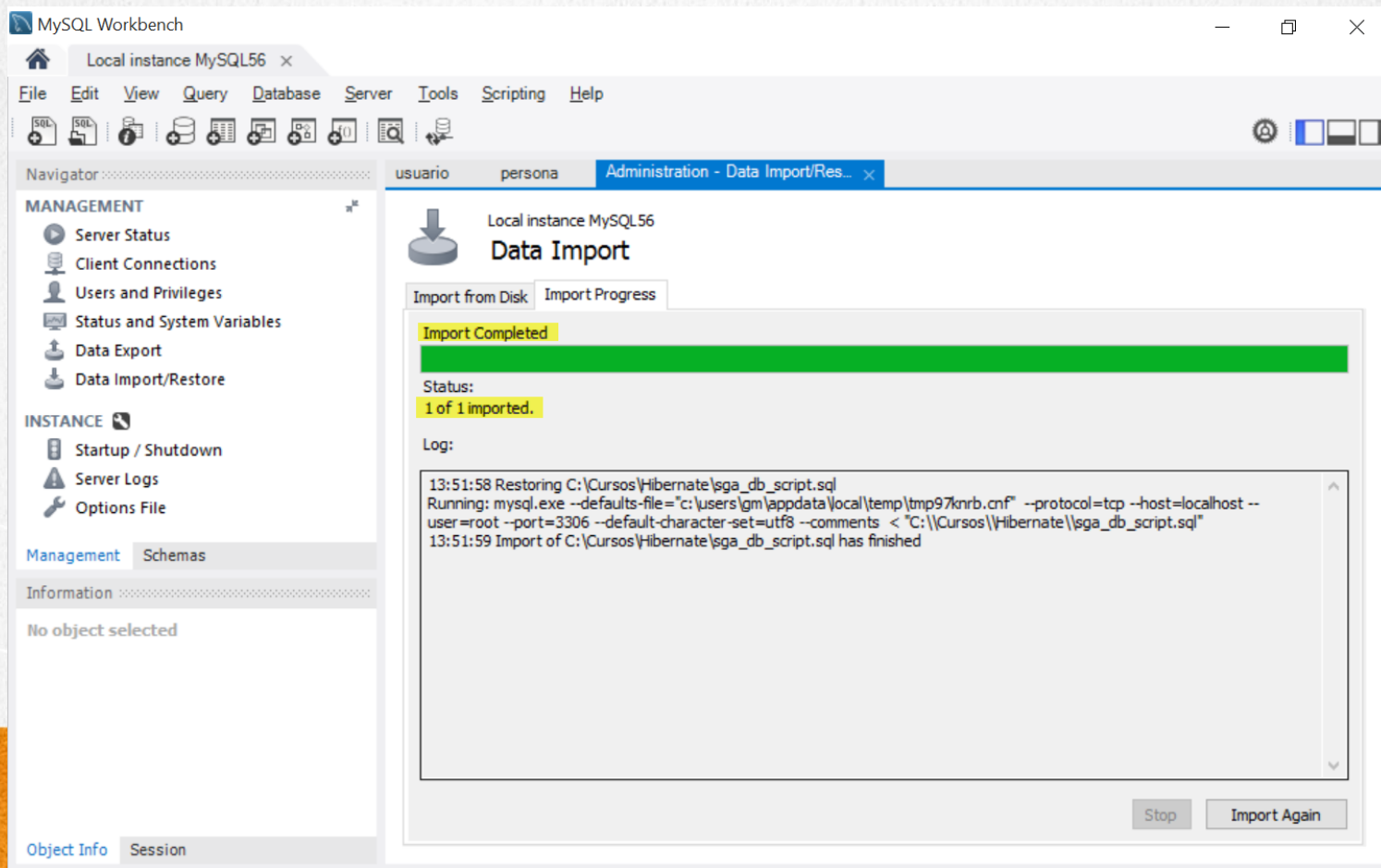
Select Database Objects to Import (only available for Project Folders)

Dump Structure and Dat [dropdown] Select Views Select Tables Unselect All

Press [Start Import] to start...

Start Import

PASO 2. CARGAR EL SCRIPT DE LA BD



PASO 2. CARGAR EL SCRIPT DE LA BD

The screenshot displays the MySQL Workbench interface. On the left, the 'Navigator' pane shows the 'sga_db' database with a list of tables: alumno, asignacion, contacto, curso, domicilio, instructor, pago, roles, sucursal, and usuario. A red arrow points to the 'Schemas' tab in the 'Management' section. The main window is titled 'Data Import' and shows the 'Import Completed' status with a green progress bar. The log indicates that the script 'C:\Cursos\Hibernate\sga_db_script.sql' was successfully imported.

MySQL Workbench

Local instance MySQL56 x

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

sga_db

- Tables
 - alumno
 - asignacion
 - contacto
 - curso
 - domicilio
 - instructor
 - pago
 - roles
 - sucursal
 - usuario
- Views
- Stored Procedures
- Functions

Management Schemas

Information

No object selected

Object Info Session

usuario persona Administration - Data Import/Res...

Local instance MySQL56

Data Import

Import from Disk Import Progress

Import Completed

Status:

1 of 1 imported.

Log:

```
13:51:58 Restoring C:\Cursos\Hibernate\sga_db_script.sql
Running: mysql.exe --defaults-file="c:\users\gm\appdata\local\temp\tmp97knrb.cnf" --protocol=tcp --host=localhost --
user=root --port=3306 --default-character-set=utf8 --comments < "C:\Cursos\Hibernate\sga_db_script.sql"
13:51:59 Import of C:\Cursos\Hibernate\sga_db_script.sql has finished
```

Stop Import Again

CONCLUSIÓN DEL EJERCICIO

Como este ejercicio hemos cargado la base de datos SGA.

Con esto estamos listos para continuar con el curso de Hibernate y JPA.



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Por: Ing. Ubaldo Acosta



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