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(mysql-installer-community-5.7.16.0.msi)		MD5: 281cc4560dc1a54c6d2091fdda51a647   Signature	

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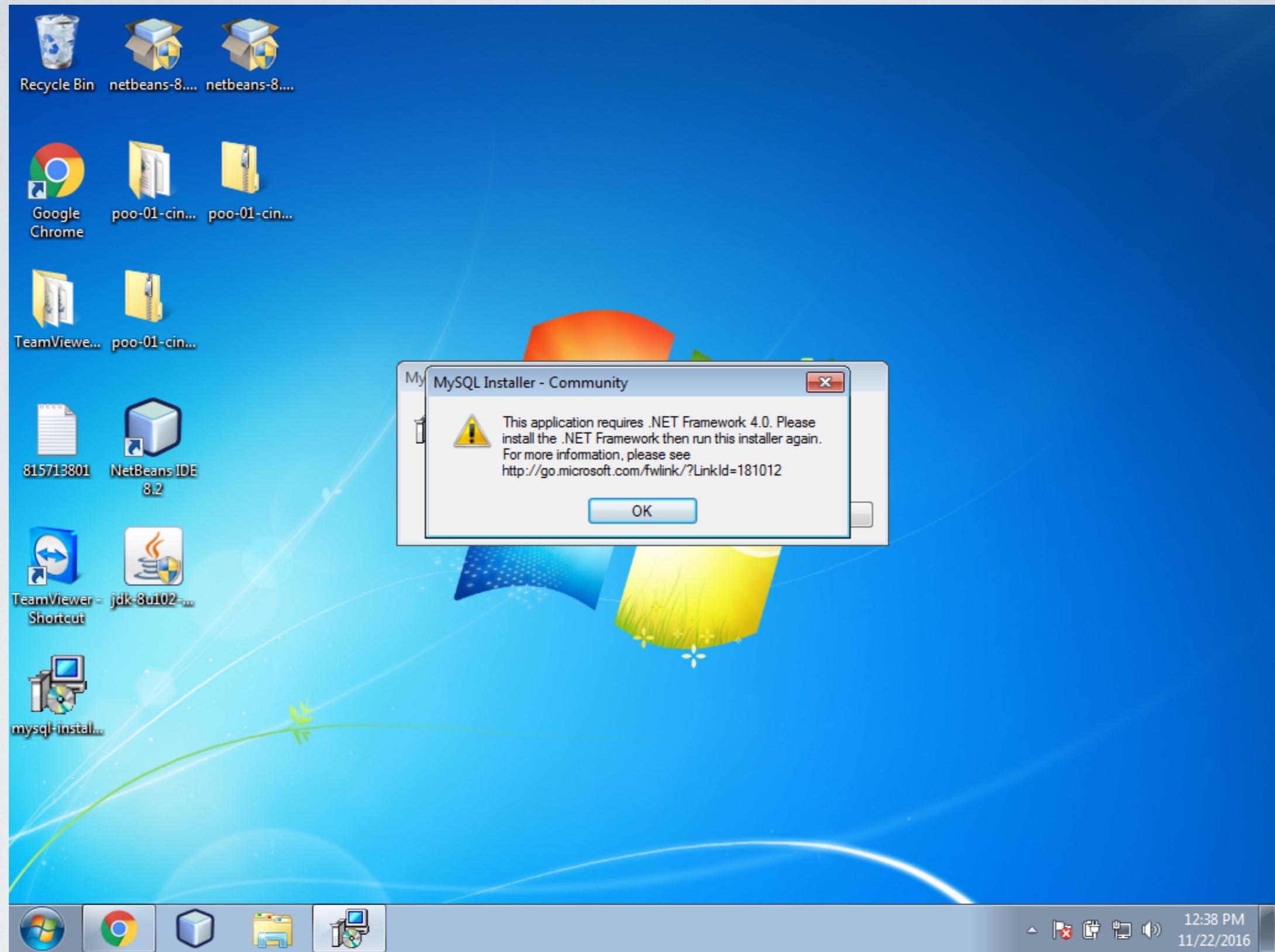
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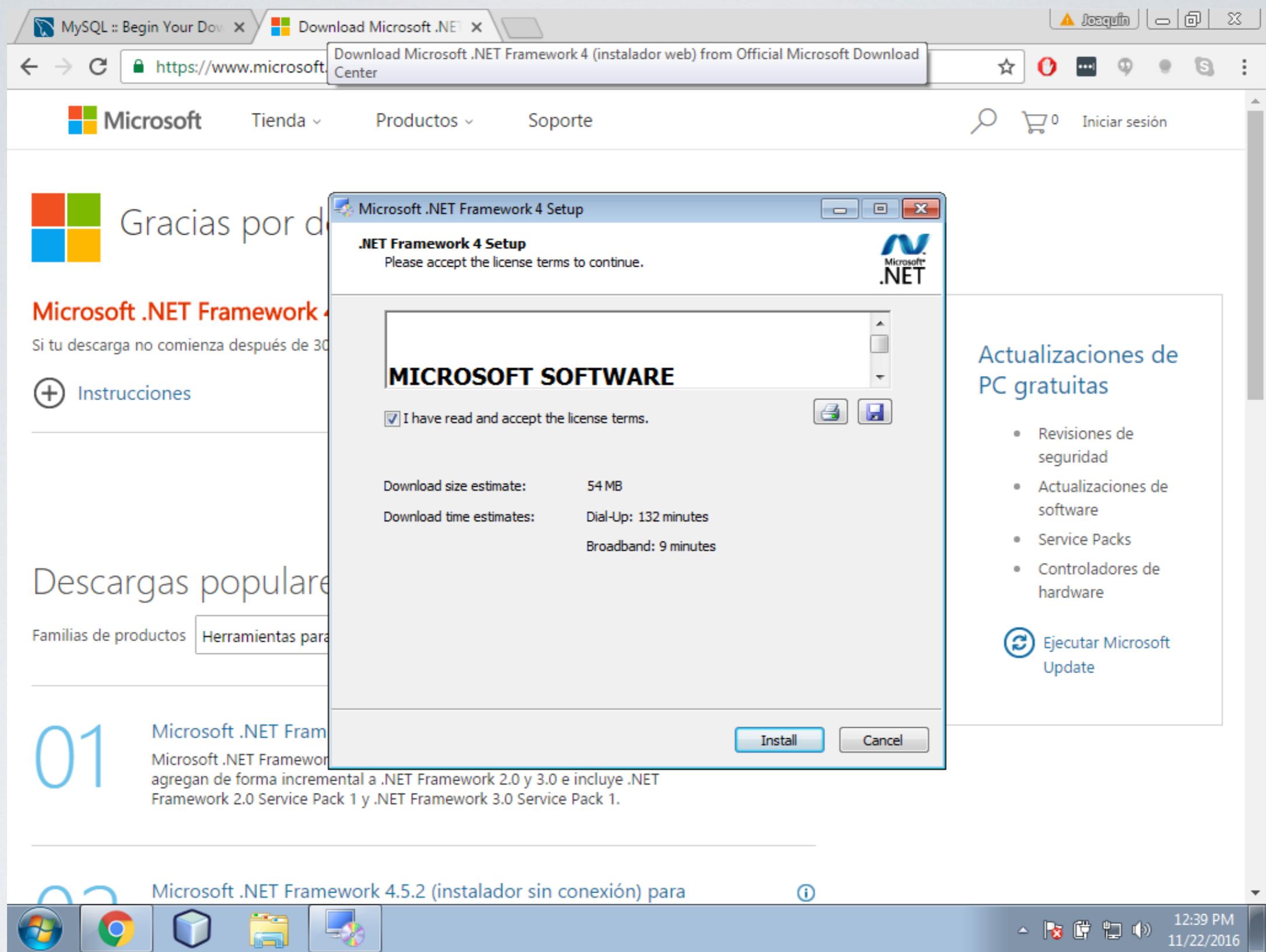


Ejecutar el instalador web descargado, es posible que nos informe que es necesaria la descarga de **.NET Framework 4.0**

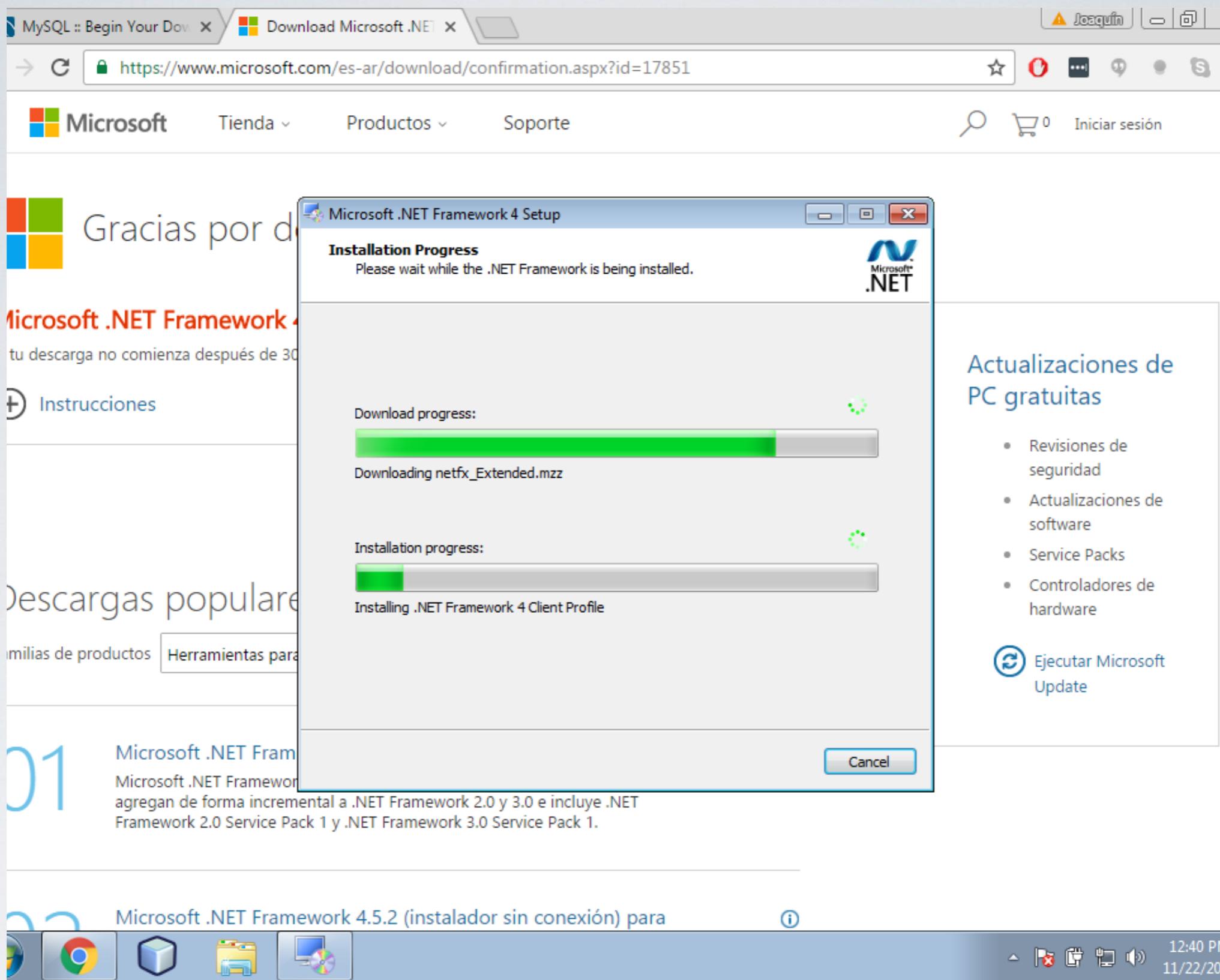
The screenshot shows a web browser window with the following details:

- Tab Bar:** MySQL :: Begin Your Dov (active tab), Download Microsoft .NET.
- Address Bar:** https://www.microsoft.com/es-ar/download/details.aspx?id=17851
- Header:** Microsoft logo, Tienda, Productos, Soporte, Search icon, Shopping Cart (0), Iniciar sesión.
- Section:** Microsoft .NET Framework 4 (instalador web)
- Language:** Cambiar idioma: Español
- Action Buttons:** Descargar (Download)
- Text Description:** El paquete del instalador web de Microsoft .NET Framework 4 descarga e instala los componentes de .NET Framework necesarios para la ejecución en la arquitectura de máquina y el sistema operativo de destino. Es necesaria una conexión a Internet durante la instalación. Se necesita .NET Framework 4 para ejecutar y desarrollar aplicaciones que tengan como destino .NET Framework 4.
- Side Panel:** Actualizaciones de PC gratuitas
  - Revisiones de seguridad
  - Actualizaciones de software
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  - Controladores de hardware[Ejecutar Microsoft Update](#)
- Footer:** Estableciendo una conexión segura..., Taskbar icons (Windows, Google Chrome, File Explorer, Task View), System tray icons (Power, Battery, Network, Sound, Date/Time: 12:39 PM, 11/22/2016).

En tal caso descargar el **instalador web** desde  
<https://www.microsoft.com/es-ar/download/details.aspx?id=17851>



Ejecutar el instalador web de **.NET Framework 4** y seleccionar la opción **Install**



El instalador comenzará la **descarga y configuración** de los paquetes necesarios

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Gracias por descargar

**Microsoft .NET Framework 4 (instalador web)**

Si tu descarga no comienza después de 30 segundos, haz clic en este vínculo: Haga clic aquí

**Microsoft .NET Framework 4 Setup**

You must restart your computer to complete the installation. If you choose Restart Later, applications dependent on .NET Framework may stop working.

**Restart Now** **Restart Later**

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01 Microsoft .NET Framework 3.5 ⓘ

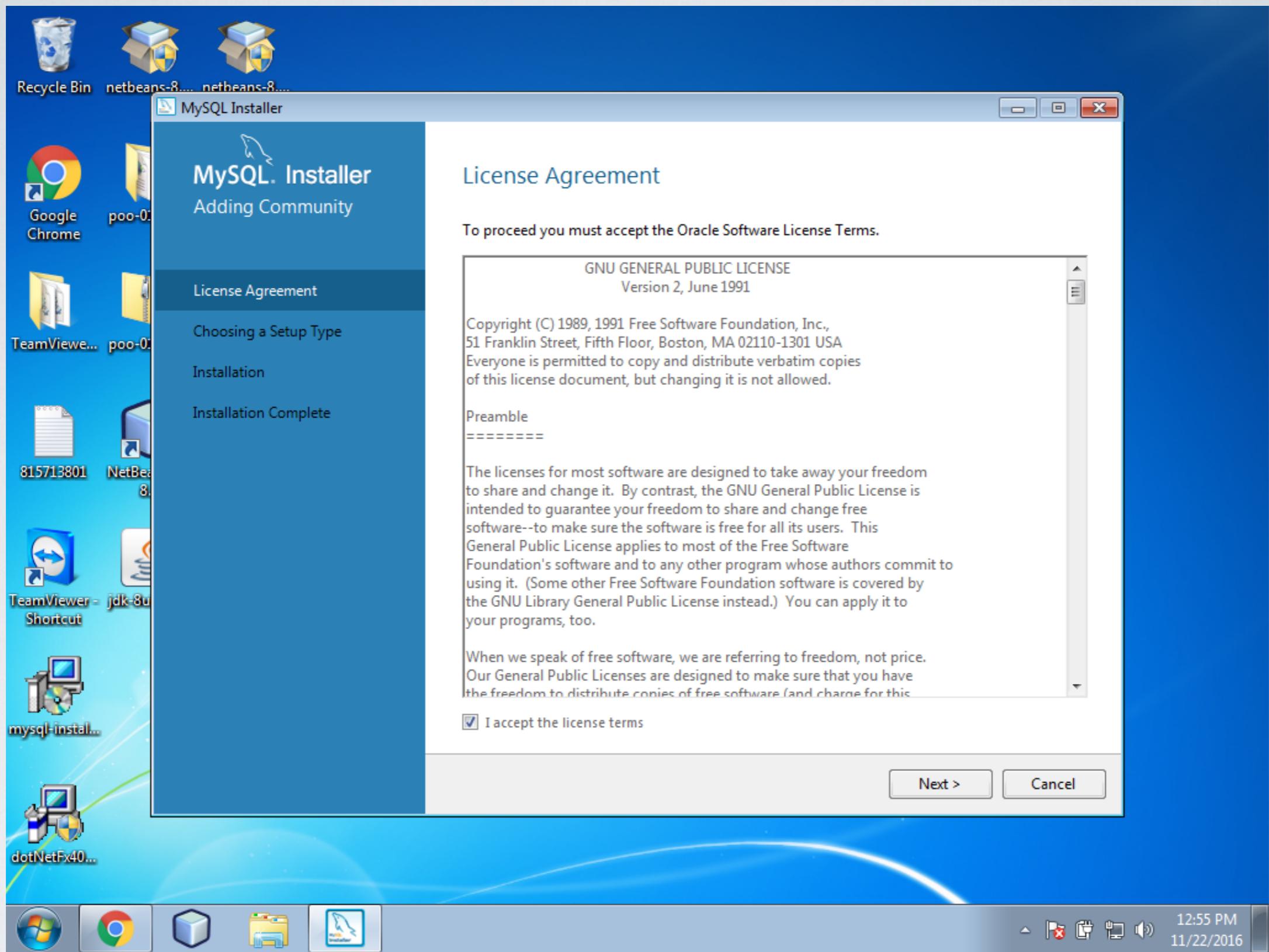
Microsoft .NET Framework 3.5 contiene muchas y nuevas características que se agregan de forma incremental a .NET Framework 2.0 y 3.0 e incluye .NET Framework 2.0 Service Pack 1 y .NET Framework 3.0 Service Pack 1.

02 Microsoft .NET Framework 4.5.2 (instalador sin conexión) para ⓘ

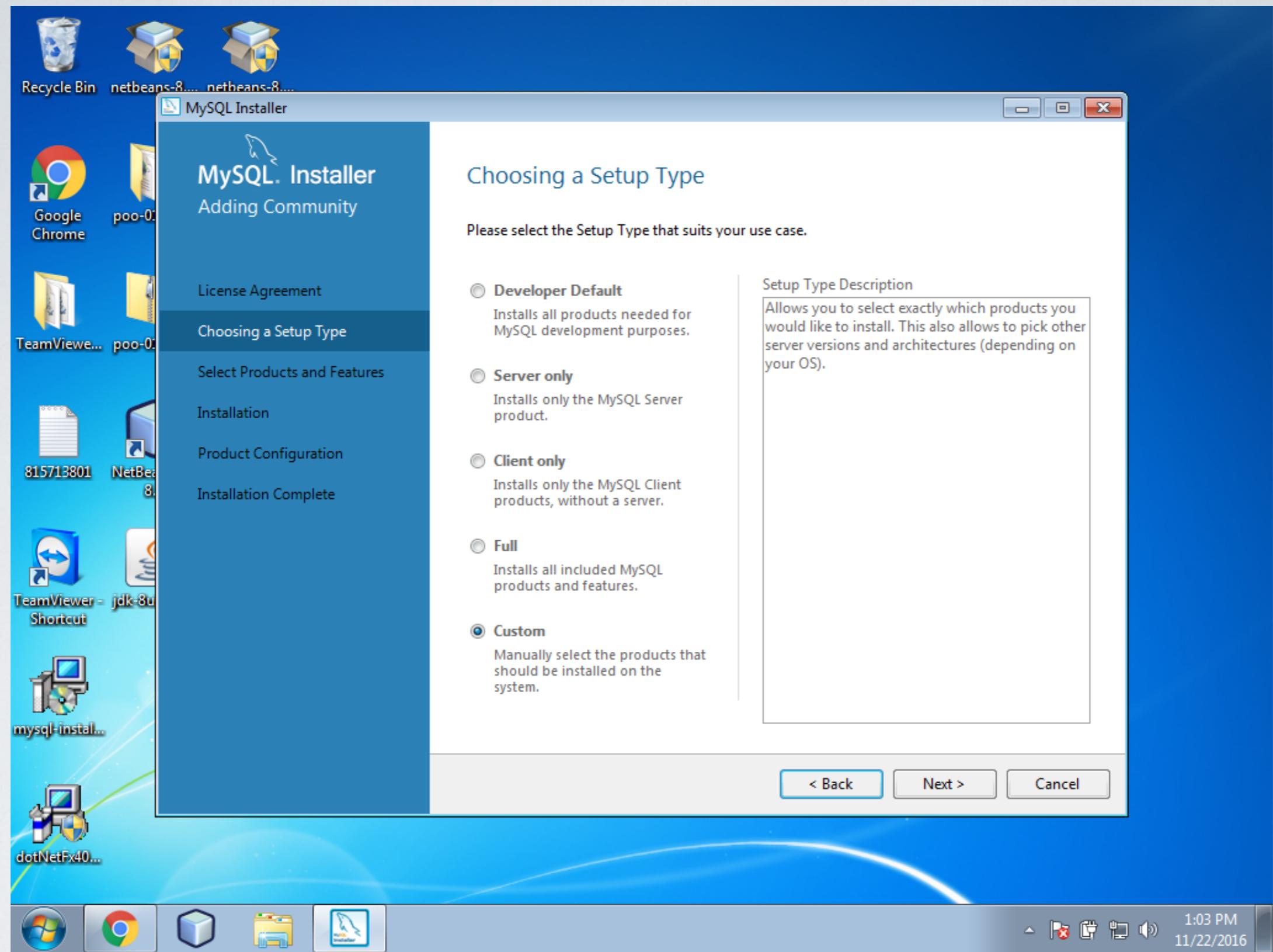
Windows Chrome File Explorer Computer

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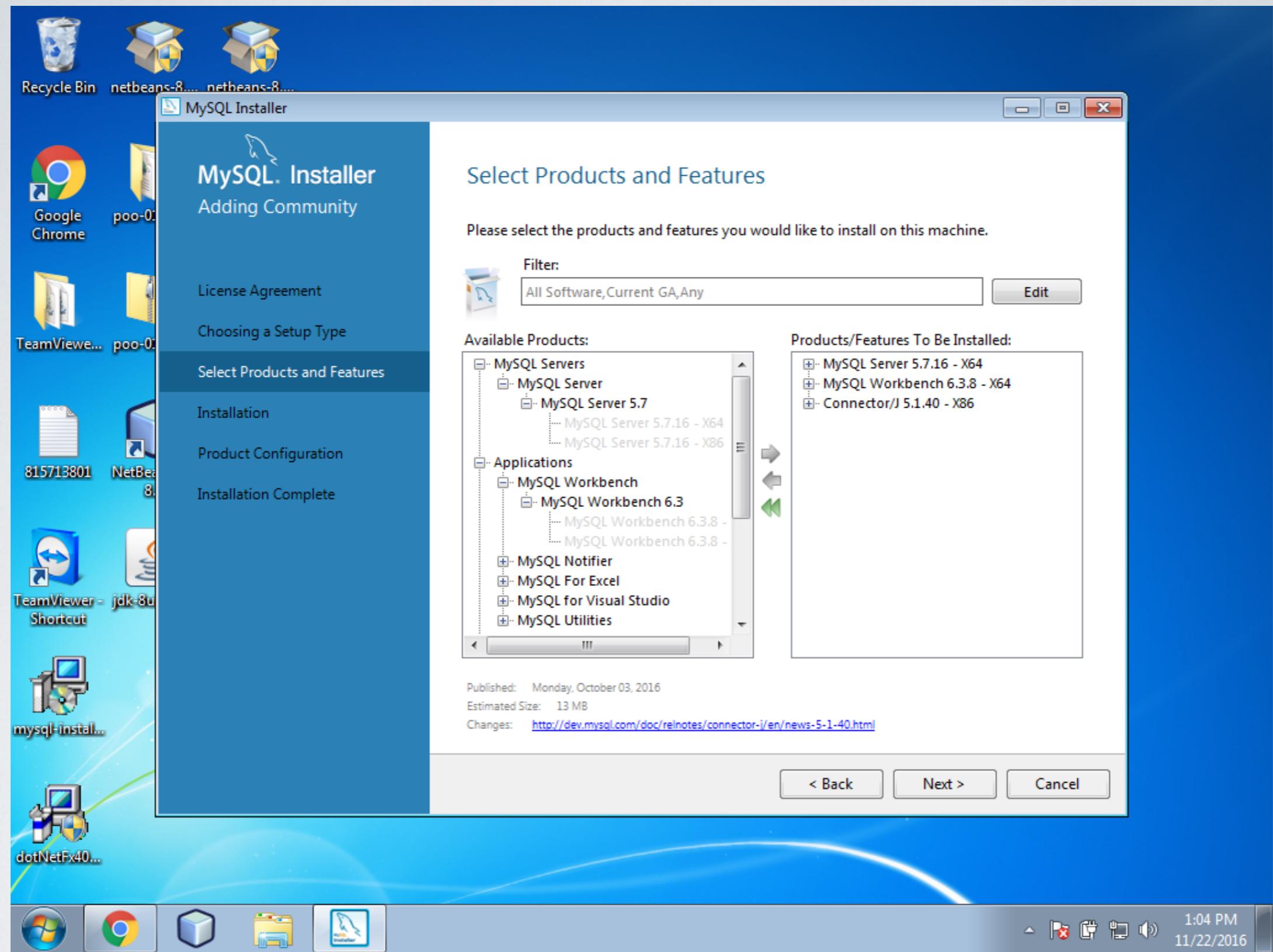
Al finalizar seleccionar **Restart Now** para concluir el proceso de instalación y reiniciar la PC



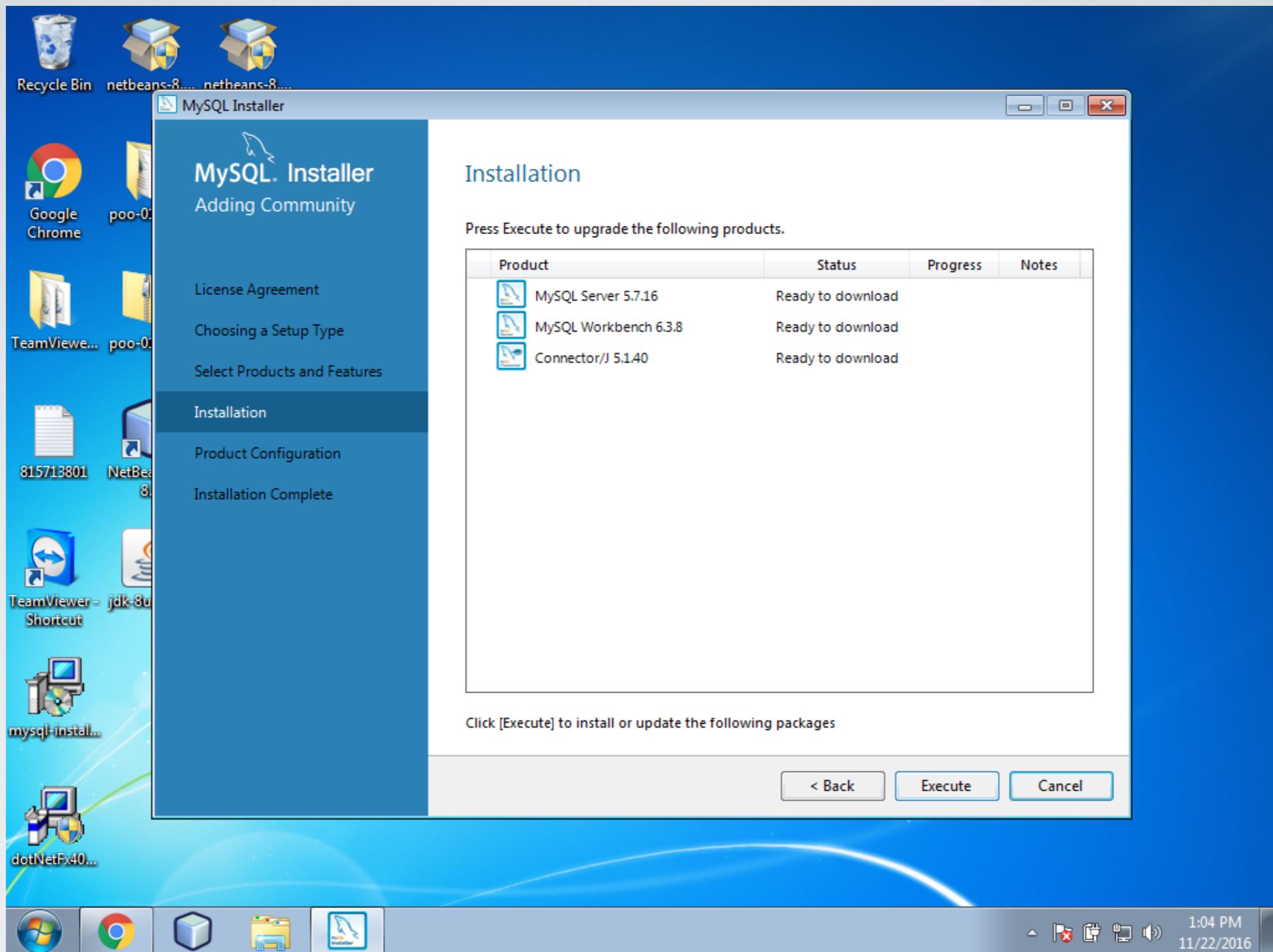
Ejecutar el instalador web de MySQL y seleccionar la opción **Next >**



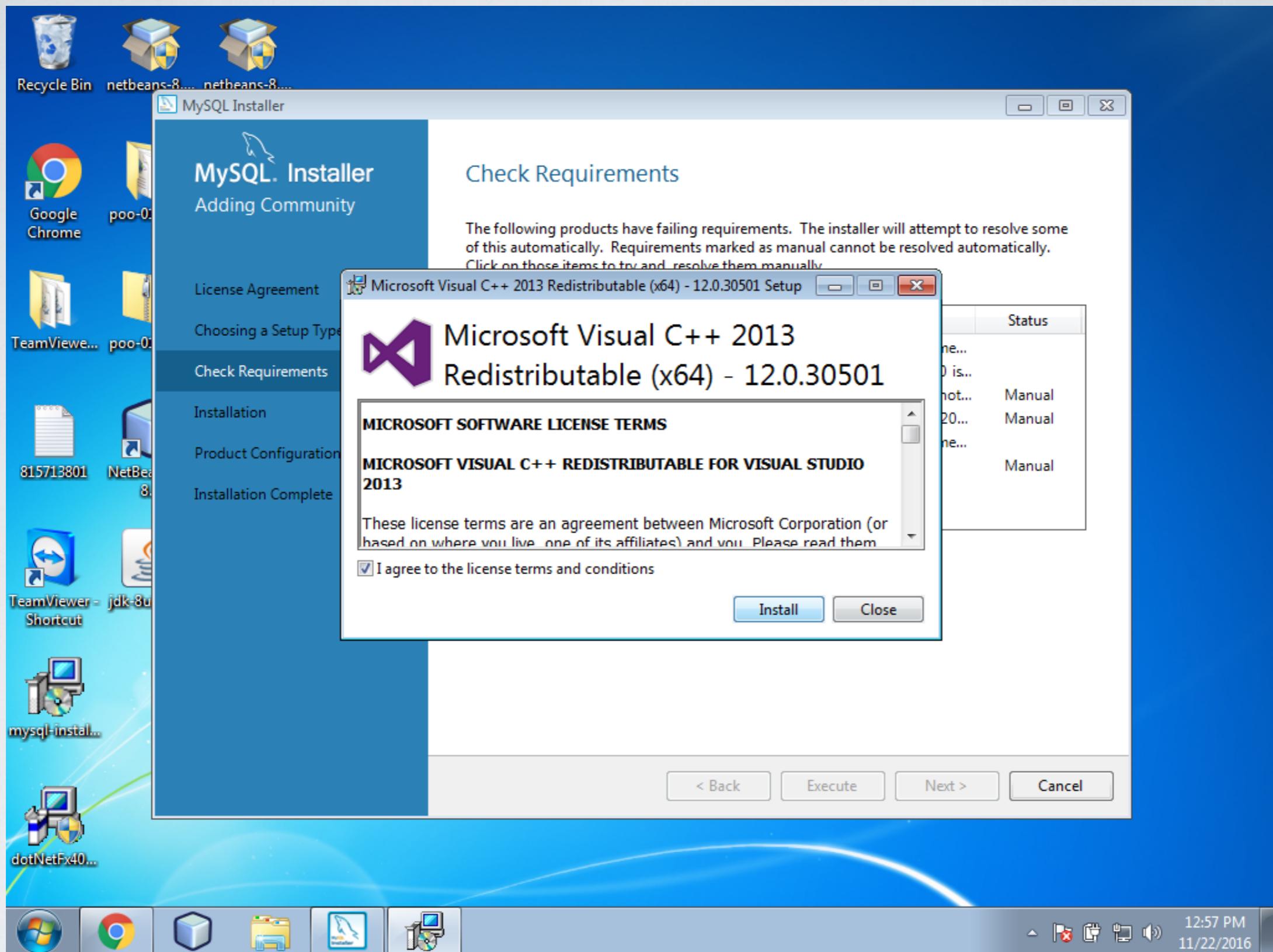
Seleccionar la opción **Custom** y luego hacer click en **Next >**



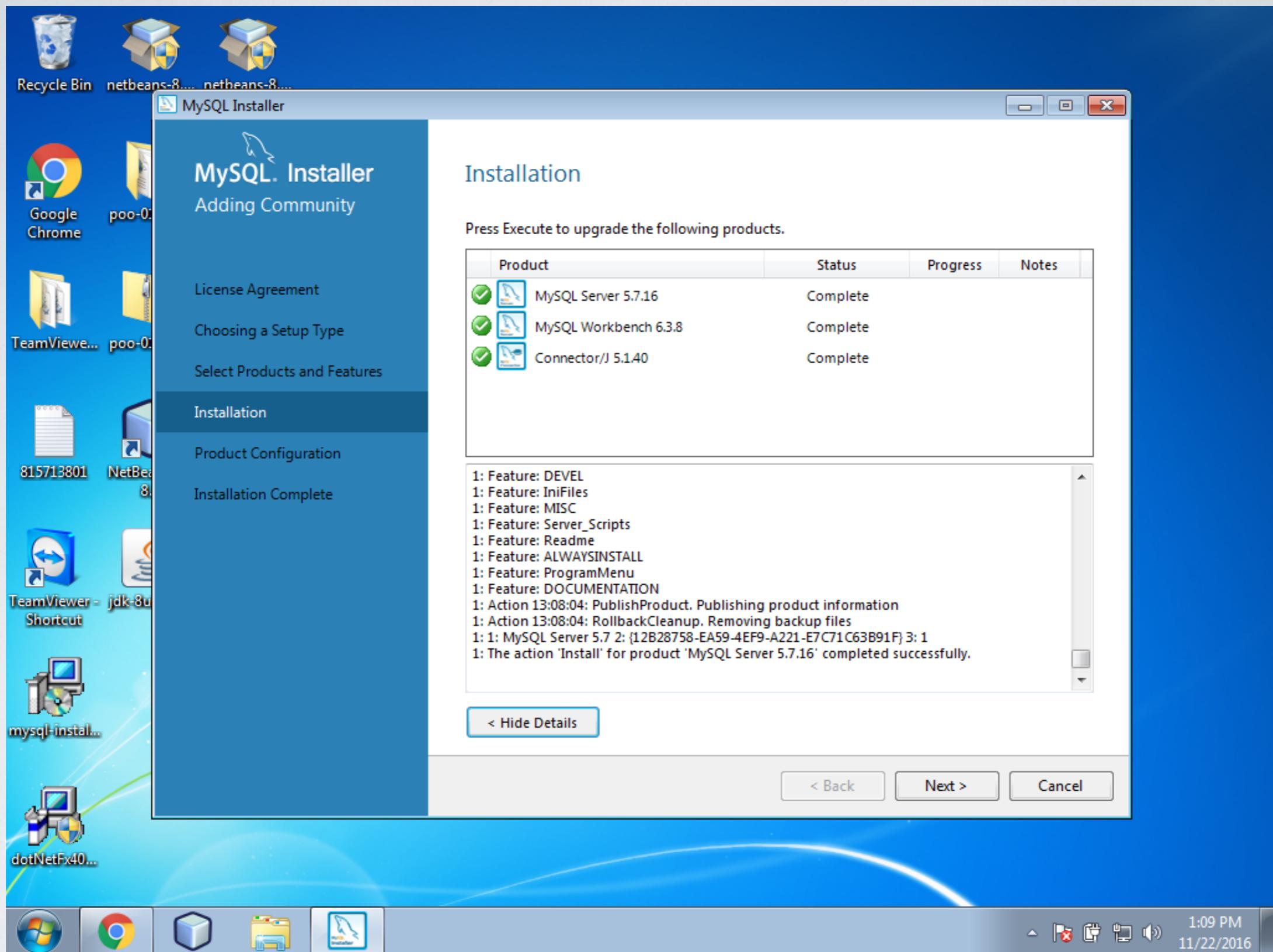
Agregar a la lista de productos a instalar **Server**,  
**Workbench** y **Connector/J**, y seleccionar **Next >**



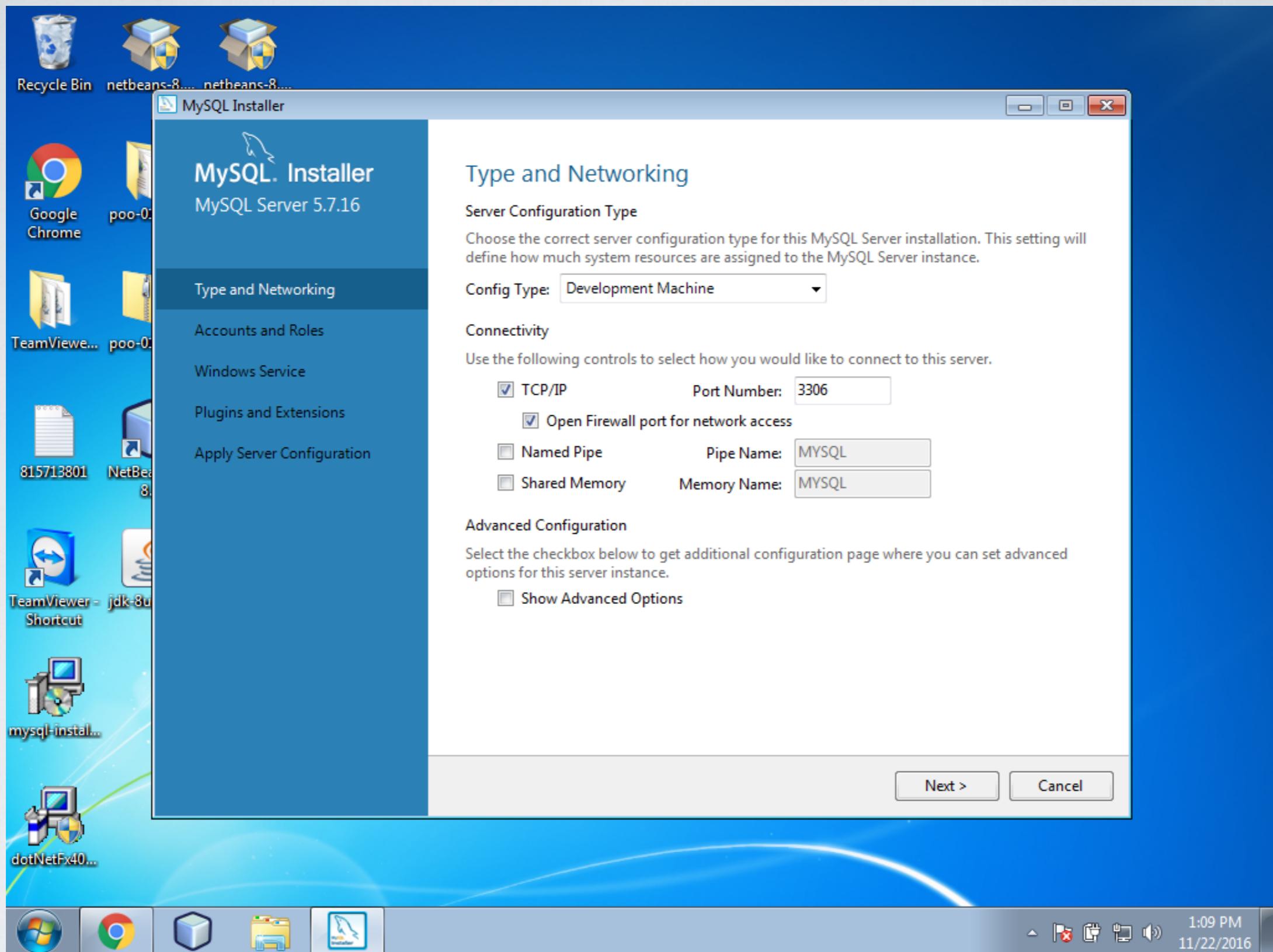
Confirmar los productos a instalar seleccionando la opción  
**Execute**



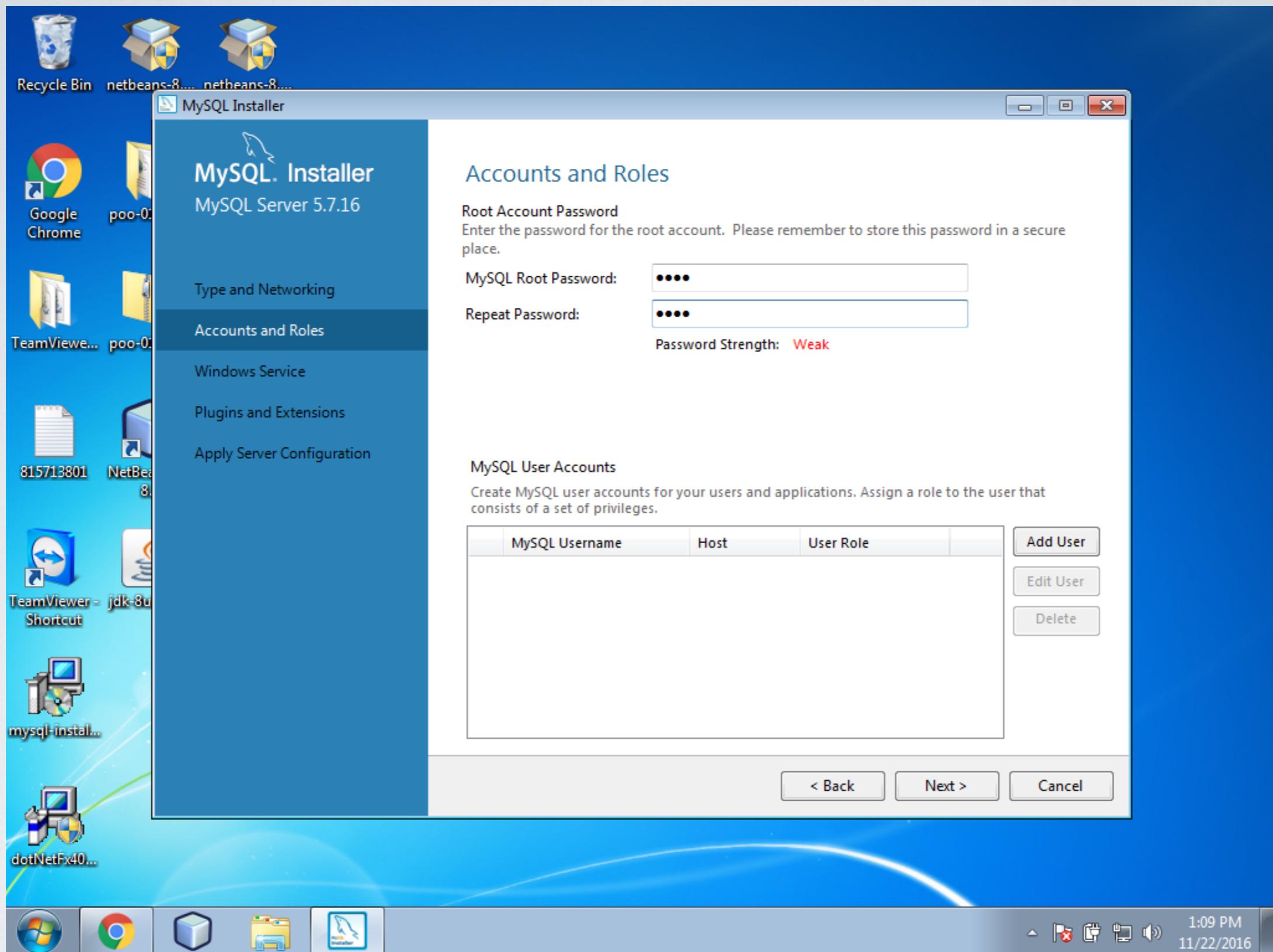
Es posible que el instalador solicite la **descarga** y  
**configuración** de paquetes necesarios



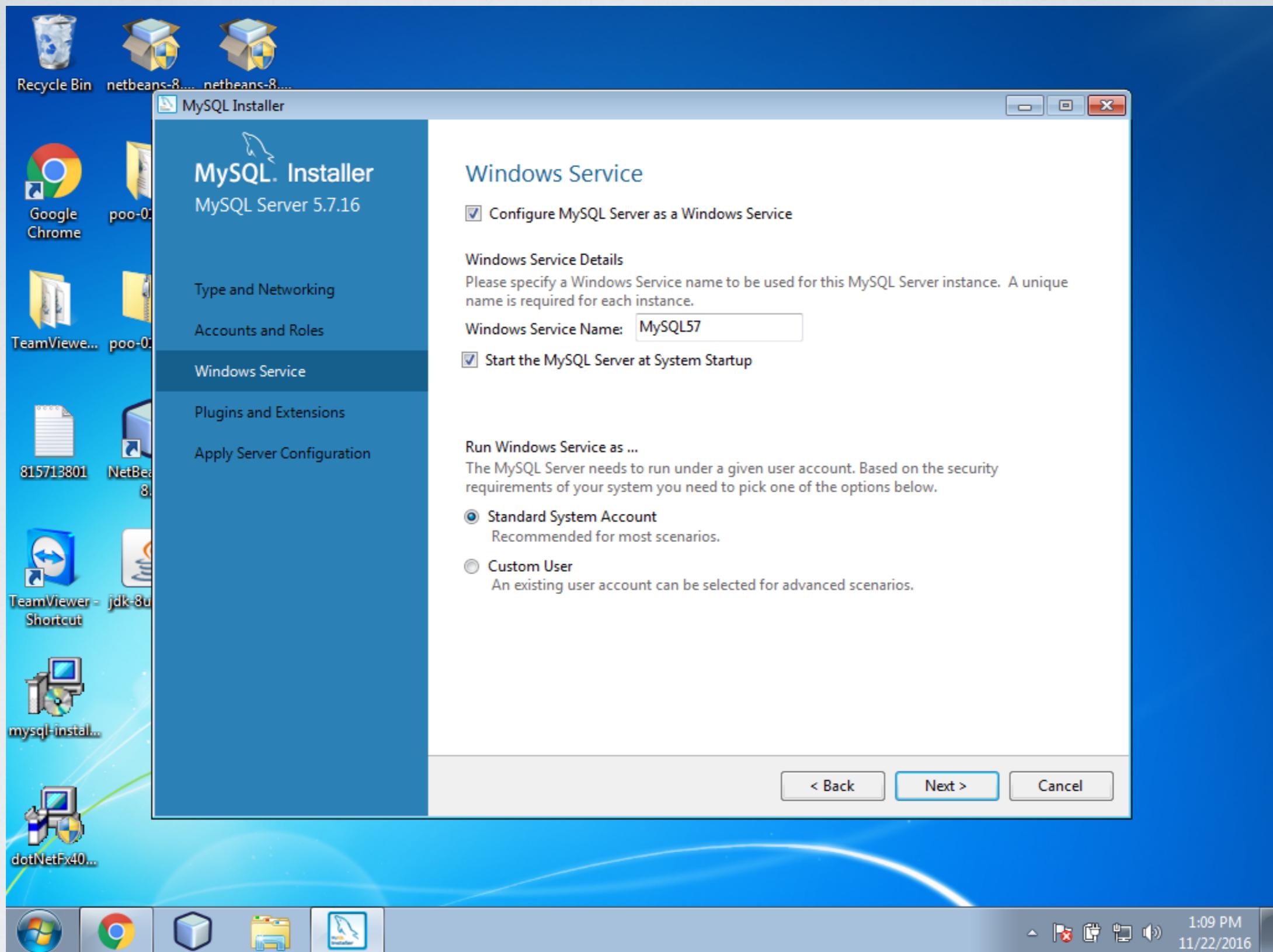
Una vez descargados e instalados los productos seleccionar la opción **Next >**



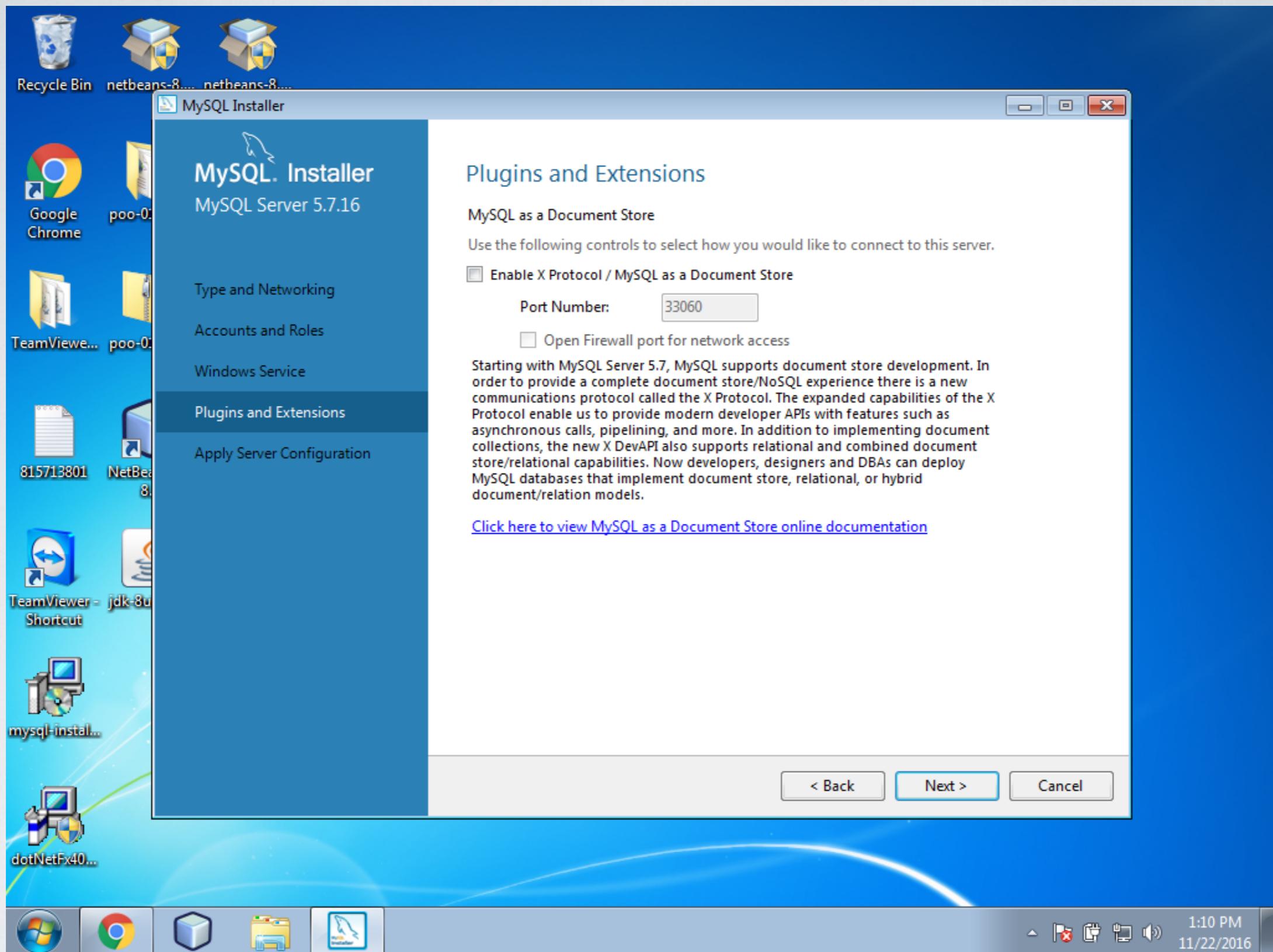
Seleccionar la configuración *Developer Machine*, verificar que el puerto sea el número **3306** y seleccionar **Next >**



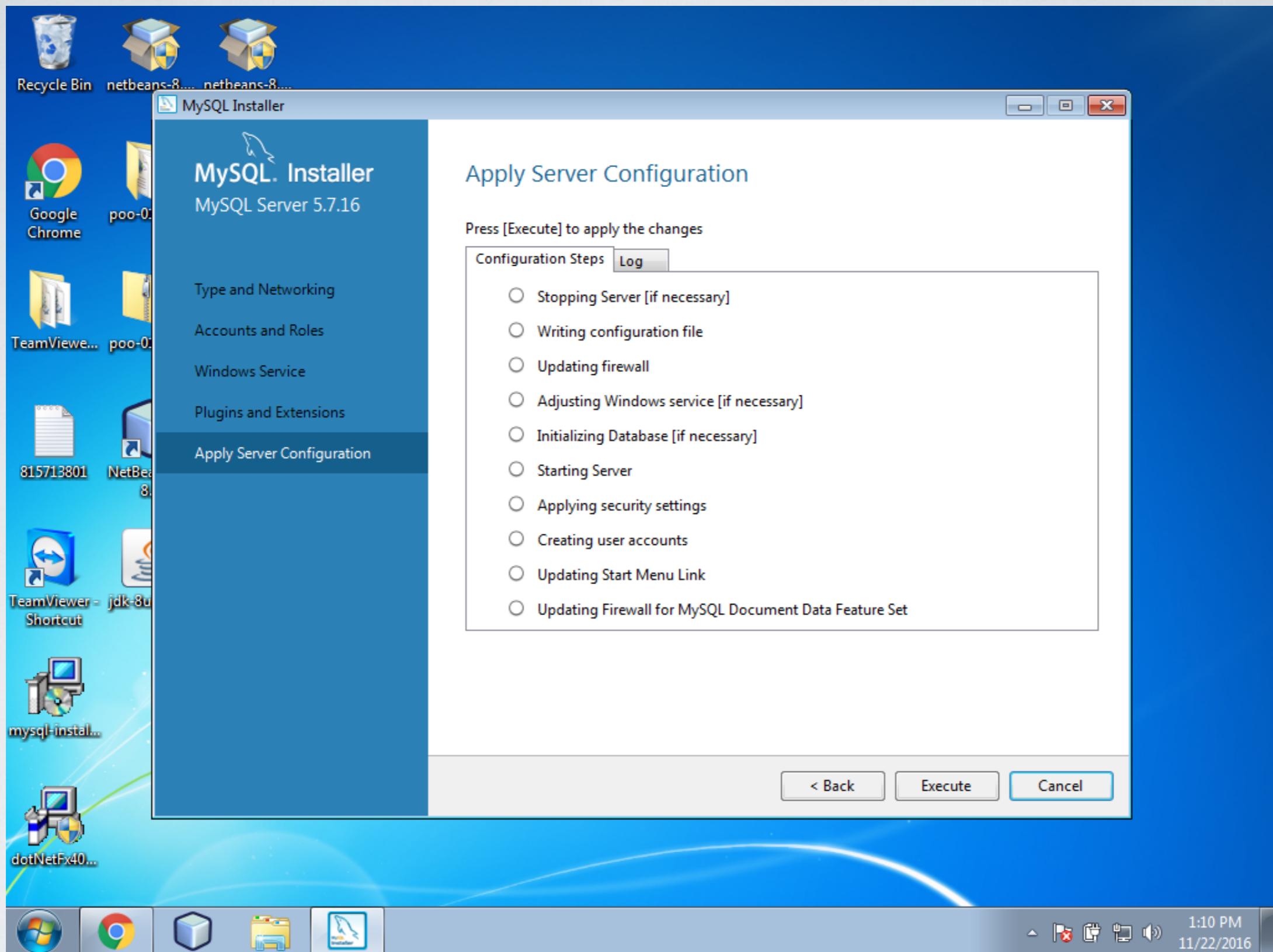
Ingresar una contraseña para el usuario superadministrador  
root y seleccionar **Next >**



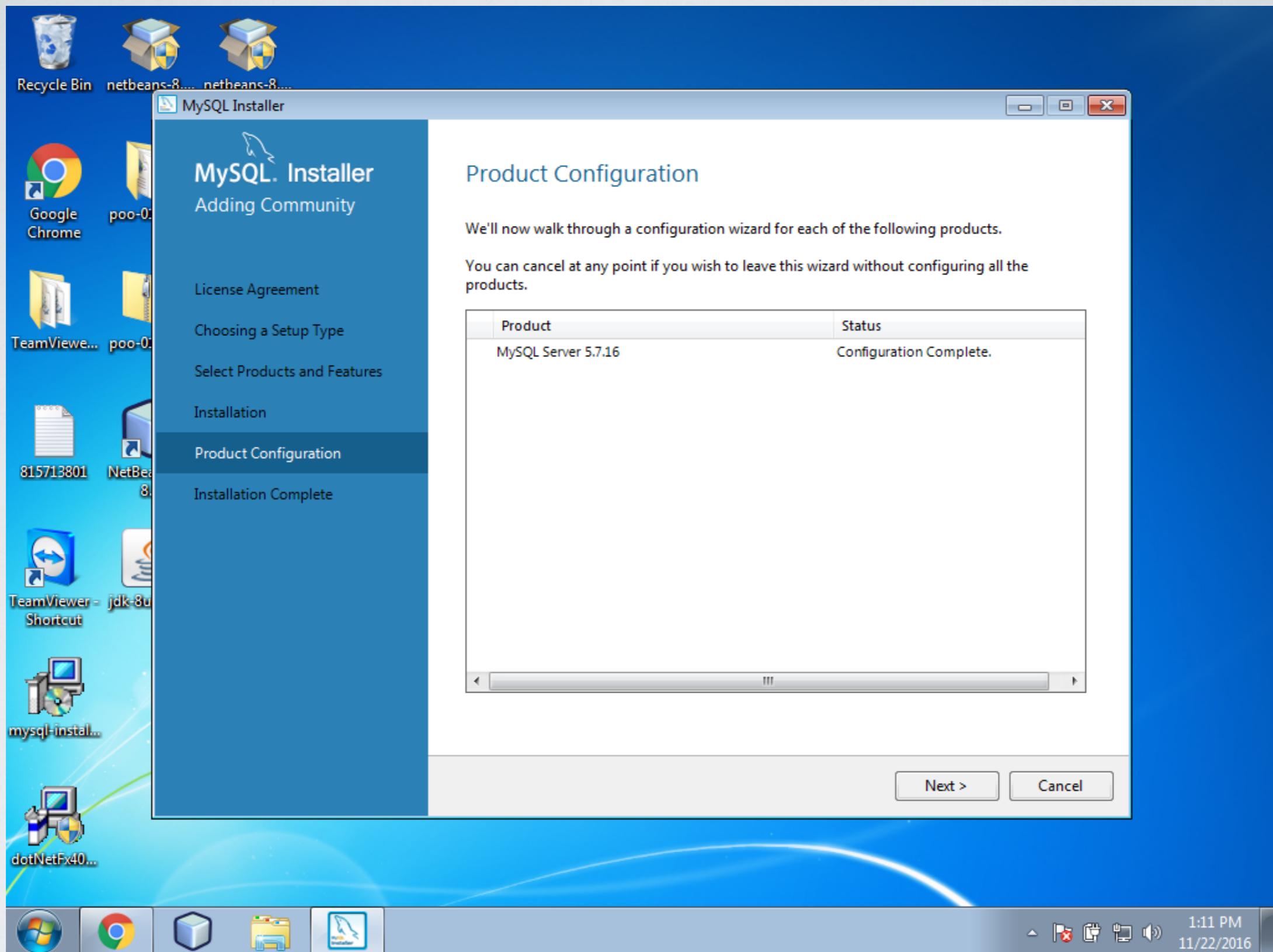
Verificar la opción **Configure MySQL Server as a Windows Service** y seleccionar **Next >**



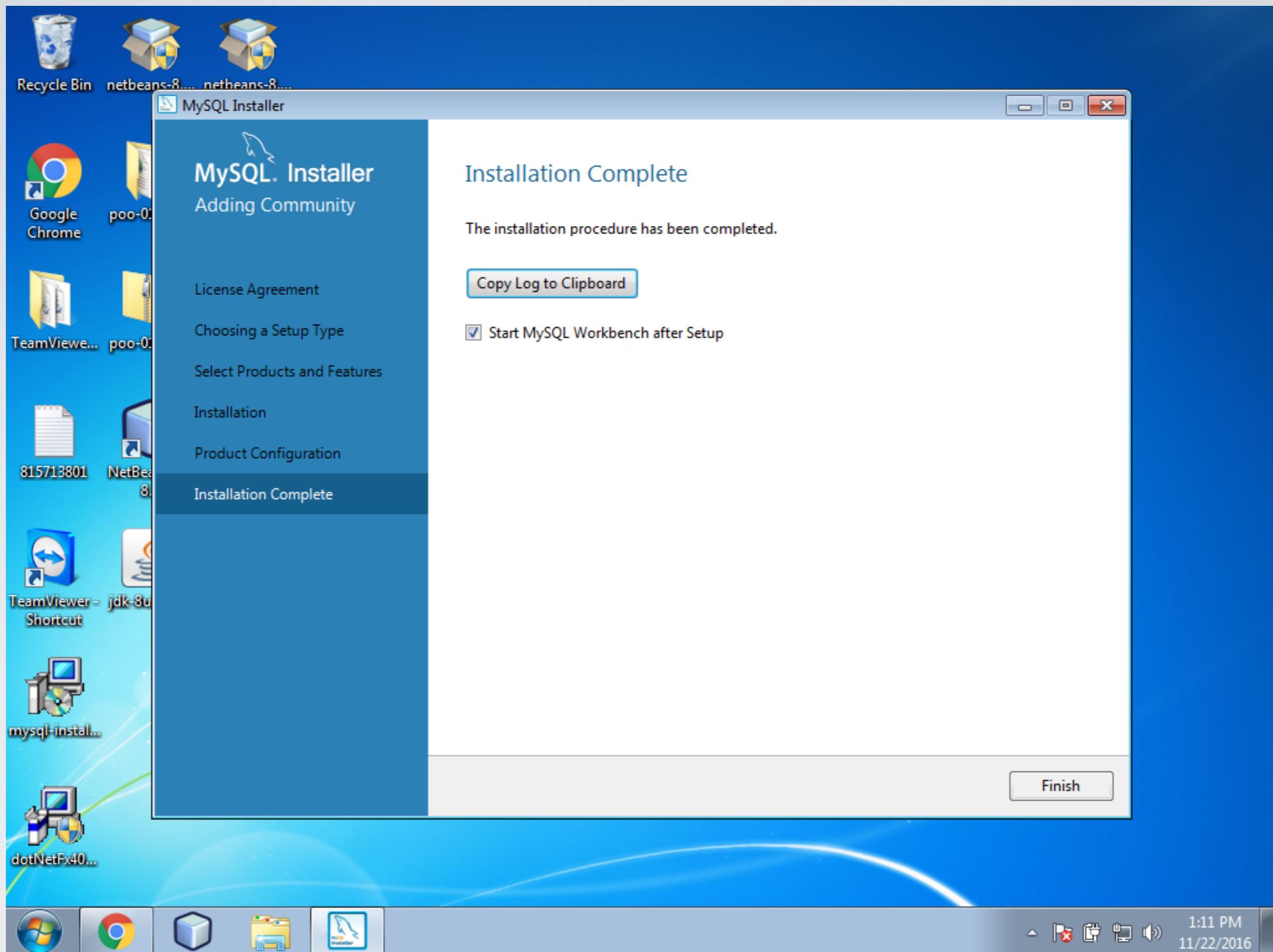
Seleccionar **Next >**



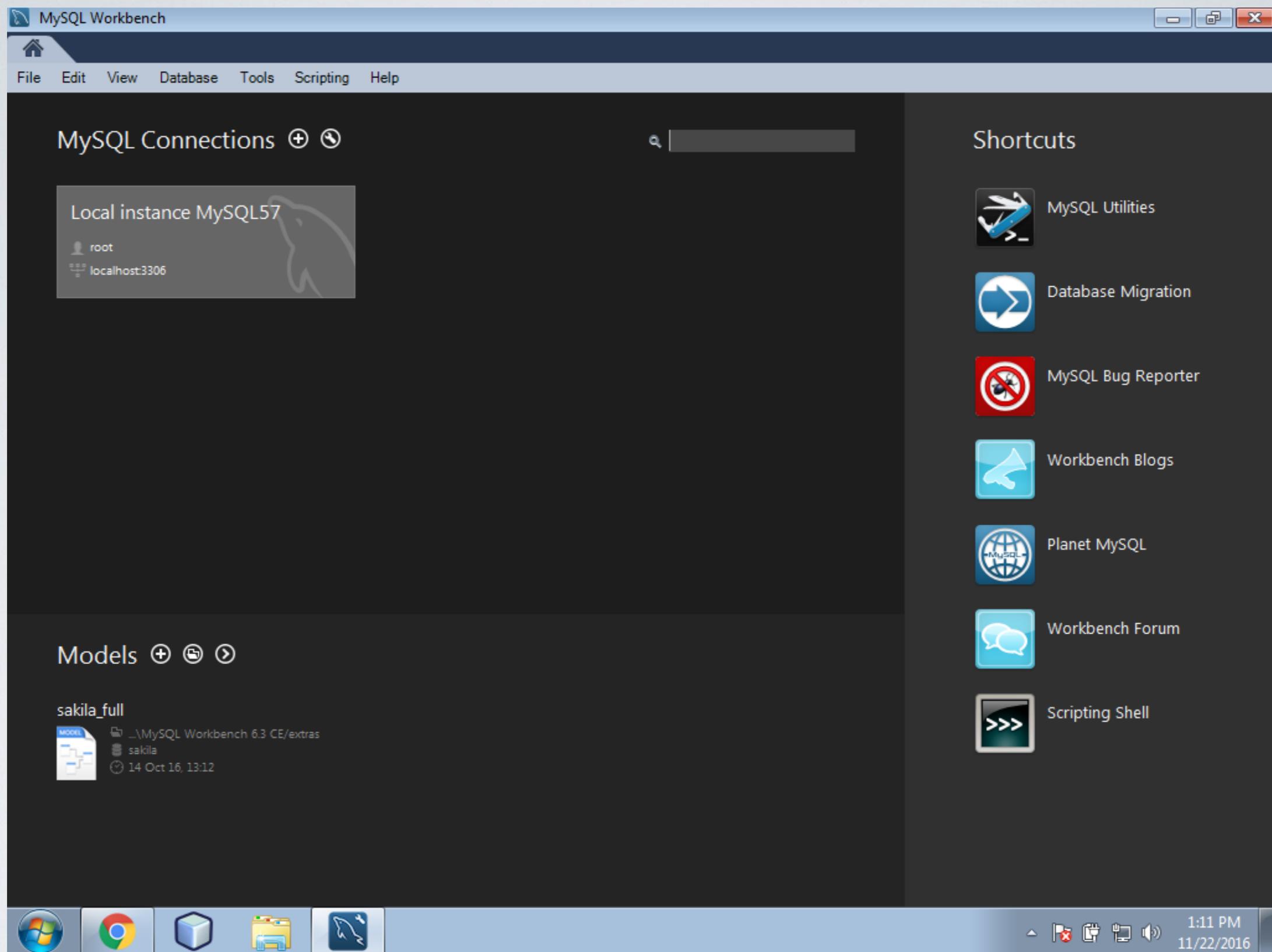
Para finalizar el proceso de configuración seleccionar la opción **Execute**



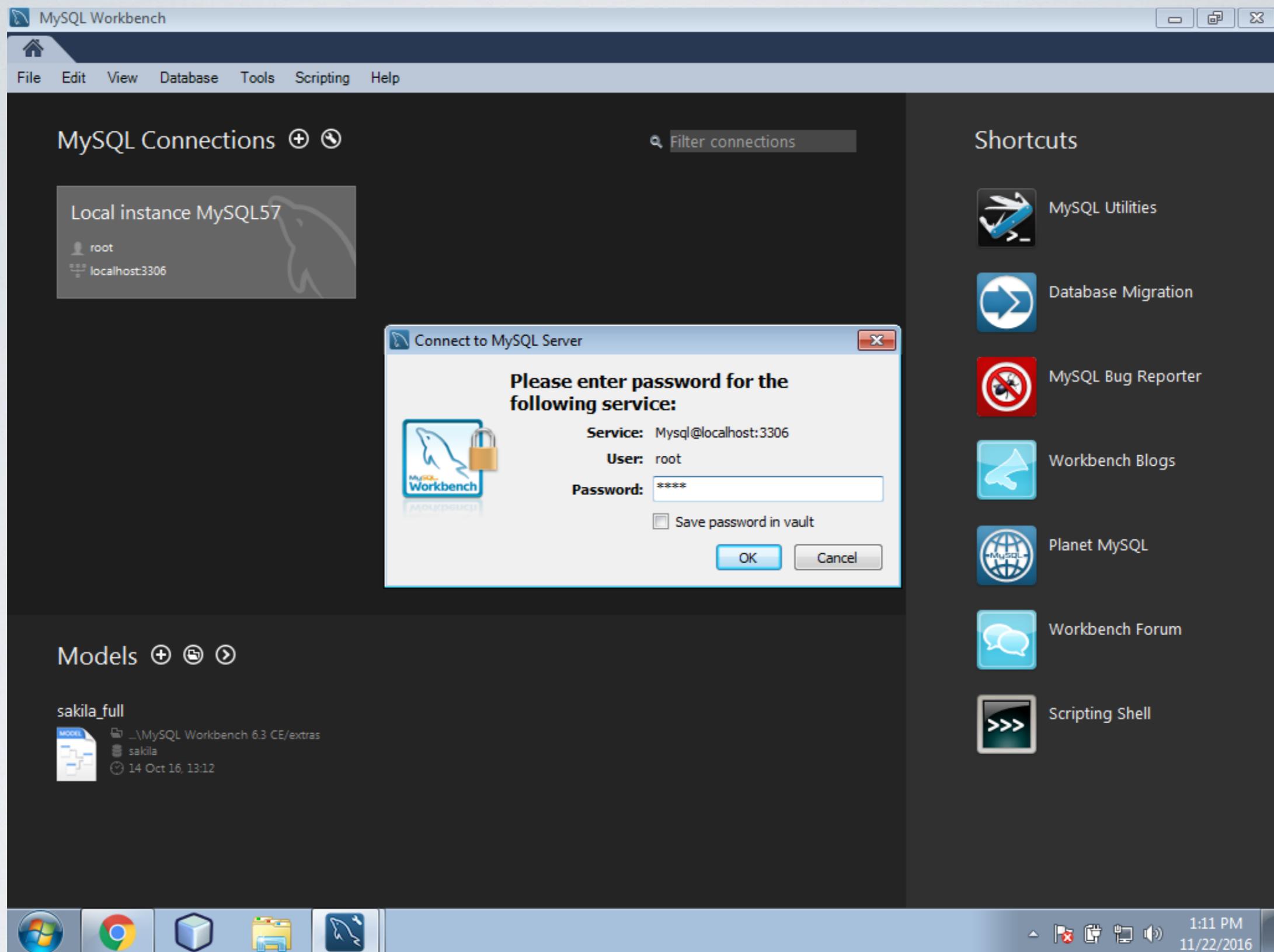
Si todo funciona correctamente el estado será  
*Configuration Complete*, seleccionar **Next >**



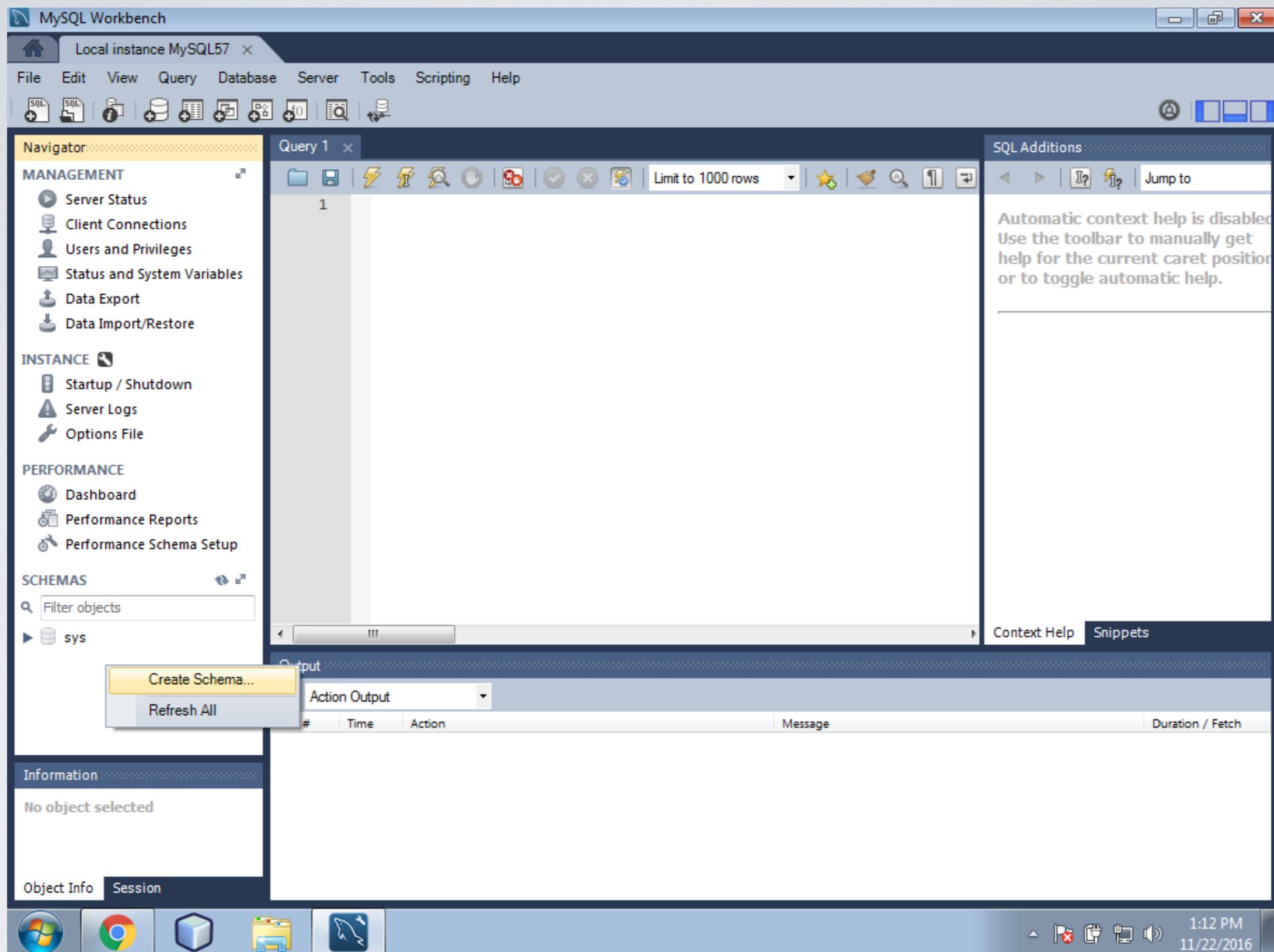
Para finalizar tildar la opción *Start MySQL Workbench after Setup* y seleccionar la opción **Finish**



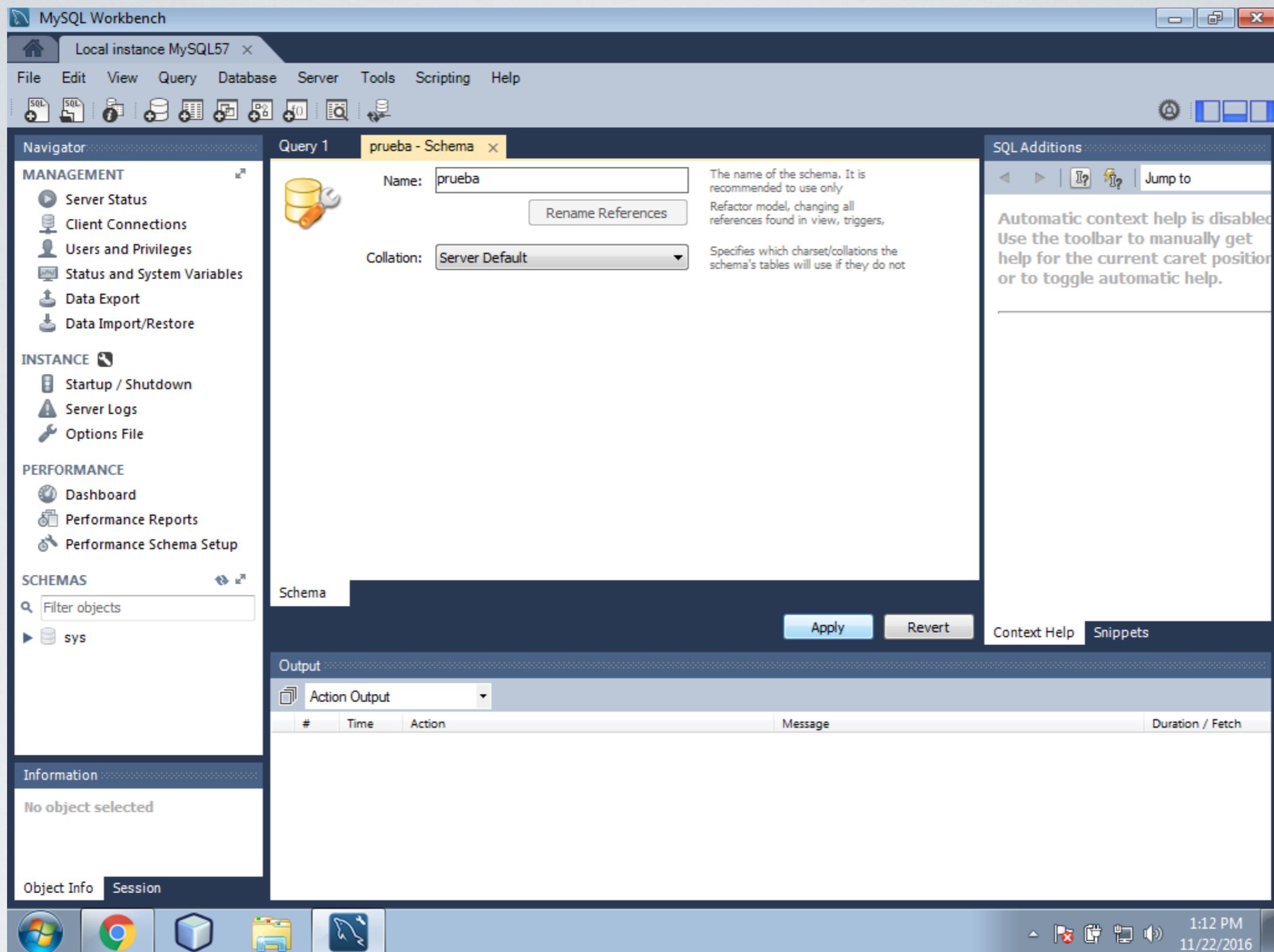
Al iniciar MySQL Workbench seleccionar  
**Local instance MySQL57**



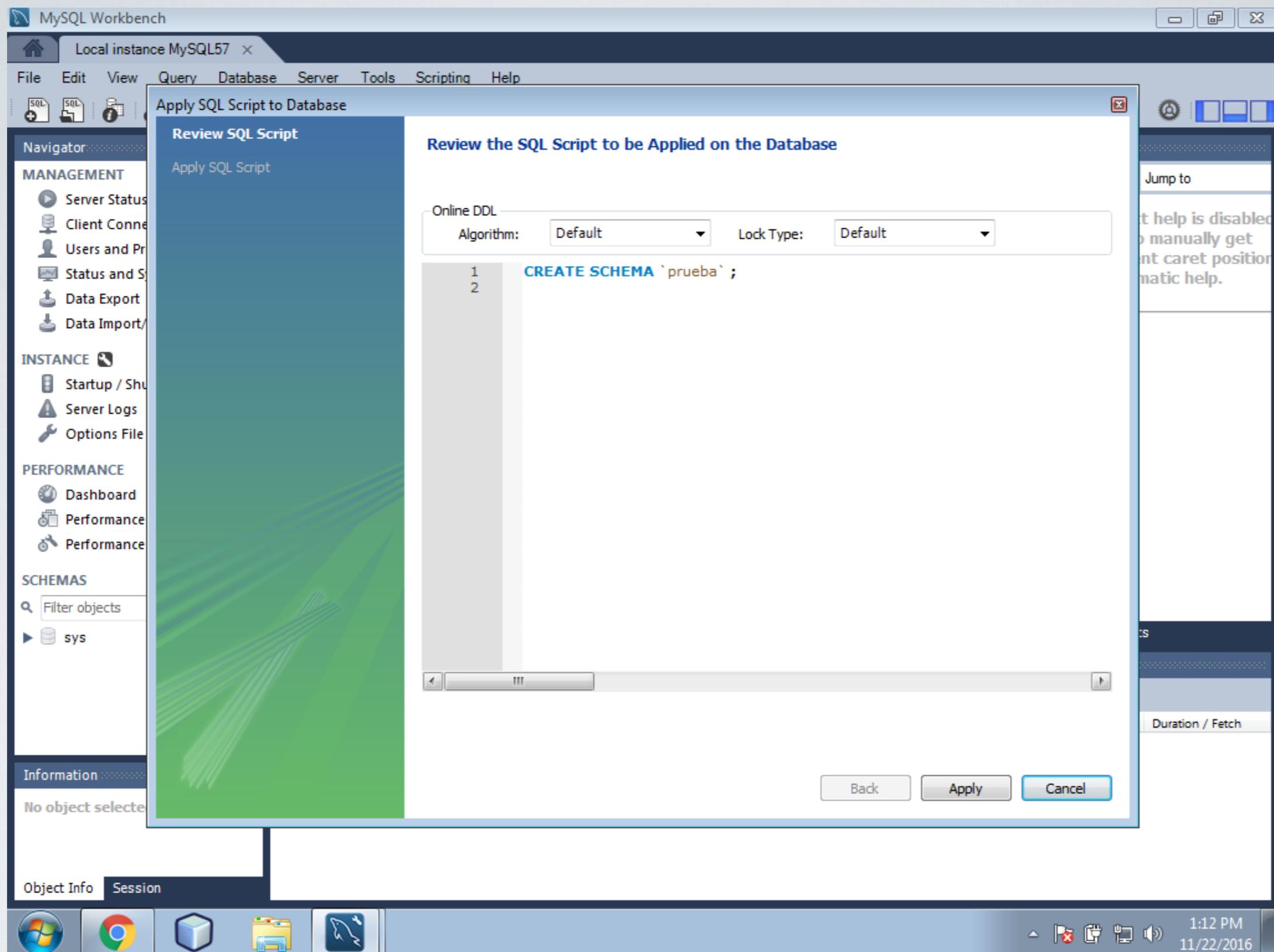
Ingresar la contraseña elegida para el usuario *root* y seleccionar **OK**



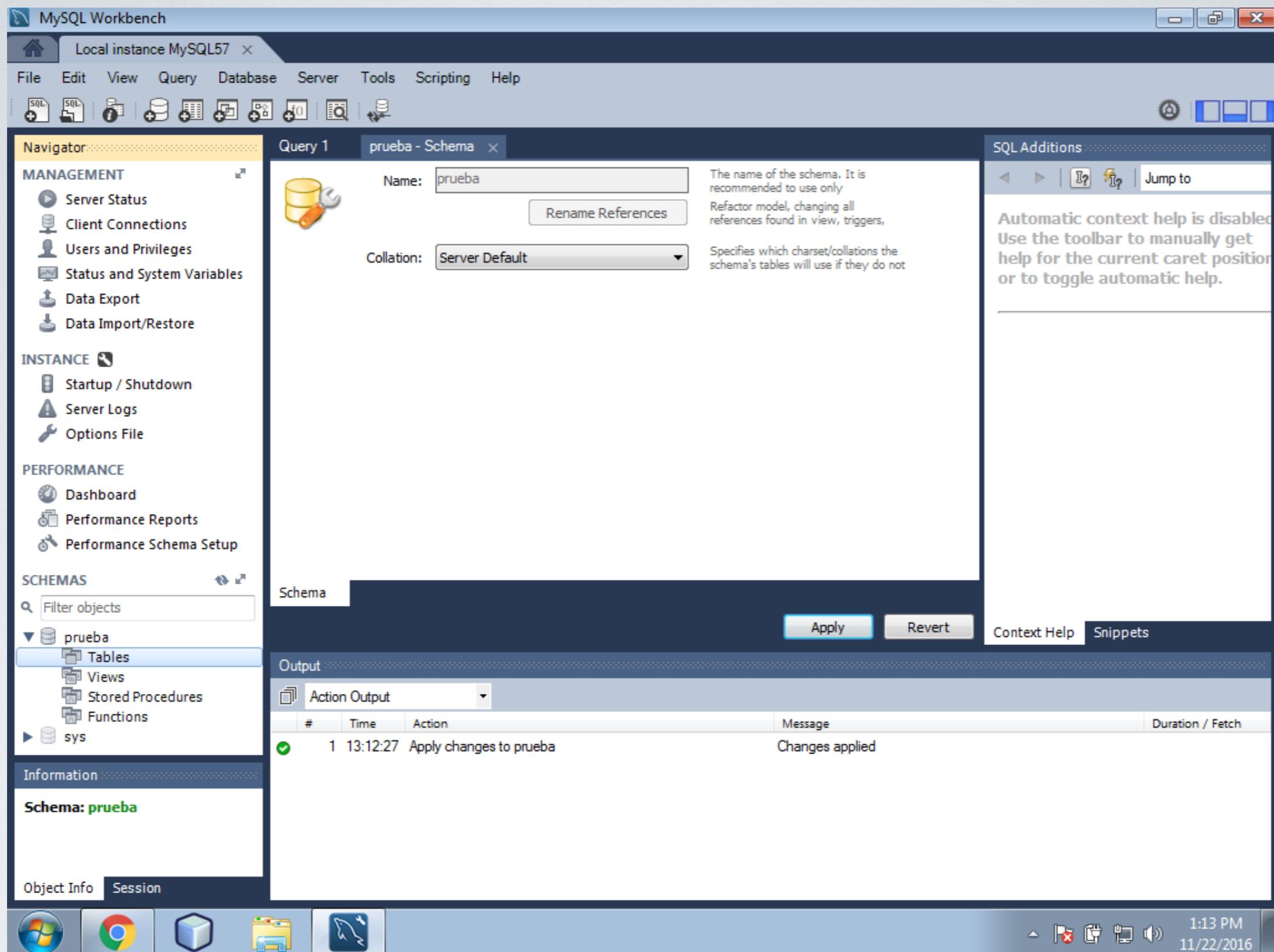
Para crear una base de datos hacer click con el botón derecho del mouse en la sección **Schemas** y seleccionar **Create Schema...**



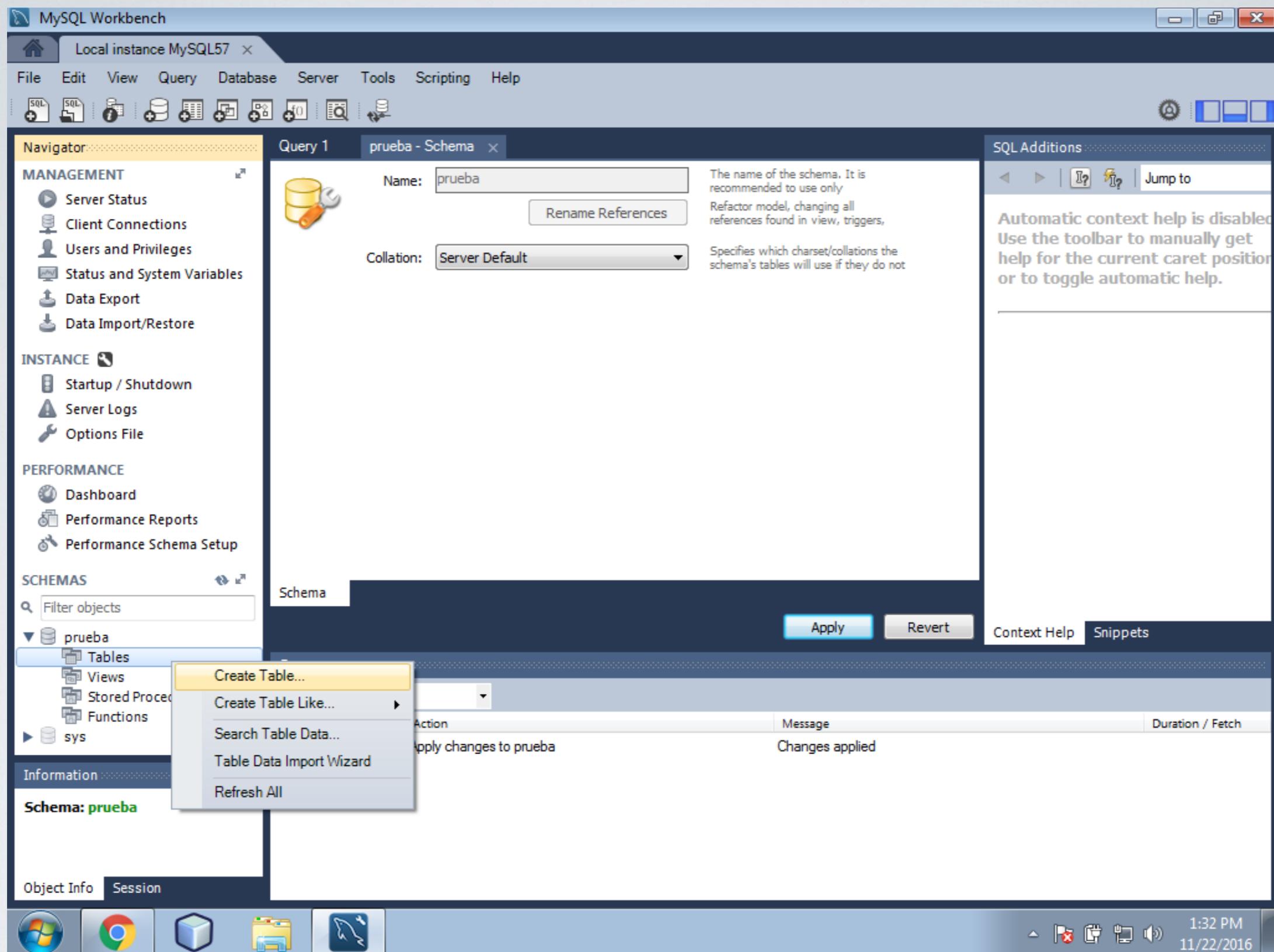
Ingresar un nombre para la base de datos y seleccionar  
**Apply** para confirmar los cambios



A continuación podremos ver la consulta SQL generada,  
seleccionar **Apply**



En la barra inferior de salida podremos ver los cambios aplicados: la base de datos fue creada correctamente



Para crear una tabla seleccionamos la opción **Create Table...** en el menú contextual de la base de datos antes creada

The screenshot shows the MySQL Workbench interface. In the top navigation bar, the schema is set to 'prueba'. The main area displays the 'alumnos - Table' configuration. The table has three columns: 'id' (INT, Primary Key, Auto Increment), 'nombre' (VARCHAR(45)), and 'apellido' (VARCHAR(45)). The 'Columns' tab is selected. The bottom output pane shows a log entry: '1 13:12:27 Apply changes to prueba' with the message 'Changes applied'.

Table Name: alumnos Schema: prueba

Collation: Schema Default Engine: InnoDB

Comments:

Column Name	Datatype	PK	NN	UQ	B	UN	ZF	AI	G	Default/Expression
id	INT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
nombre	VARCHAR(45)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
apellido	VARCHAR(45)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Column Name: id Data Type: INT  
Collation: Table Default  
Comments:  
Storage: Virtual      Stored  
Primary Key      Not Null      Unique  
Binary      Unsigned      Zero Fill  
Auto Increment      Generated

Columns Indexes Foreign Keys Triggers Partitioning Options

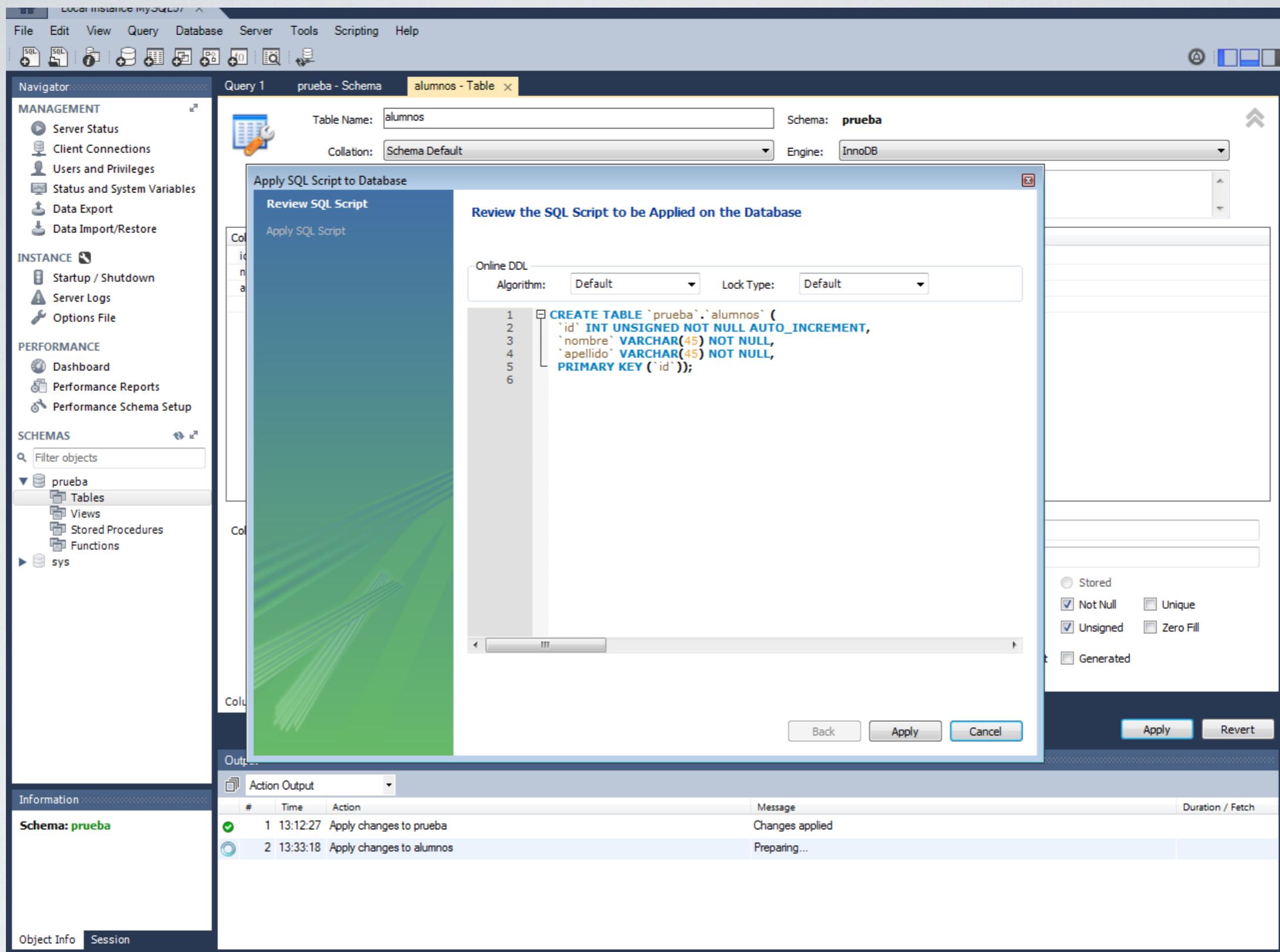
Action Output

#	Time	Action	Message	Duration / Fetch
1	13:12:27	Apply changes to prueba	Changes applied	

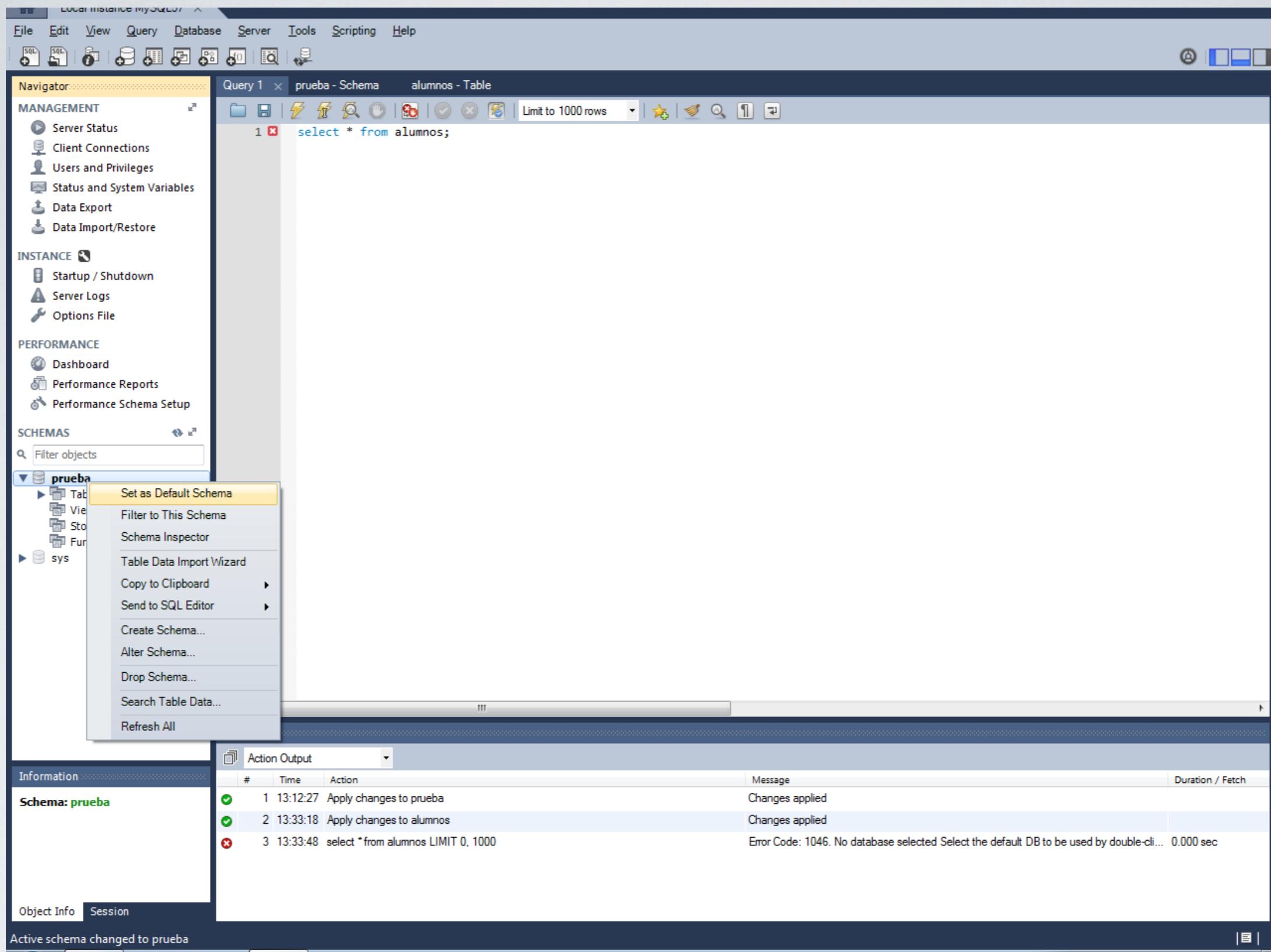
Information Schema: prueba

Object Info Session

Especificamos el *nombre de la tabla* y las *columnas* correspondientes con tu **tipo de datos** y **restricciones**



Nuevamente podemos ver la consulta SQL correspondiente  
y seleccionar **Apply**



Para indicar que trabajaremos sobre la base de datos **prueba** seleccionamos la opción **Set as Default Schema** en el menú contextual

The screenshot shows the MySQL Workbench interface. The top menu bar includes File, Edit, View, Query, Database, Server, Tools, Scripting, and Help. The left sidebar contains sections for MANAGEMENT (Server Status, Client Connections, Users and Privileges, Status and System Variables, Data Export, Data Import/Restore), INSTANCE (Startup / Shutdown, Server Logs, Options File), PERFORMANCE (Dashboard, Performance Reports, Performance Schema Setup), and SCHEMAS (with 'prueba' selected). The main area has tabs for 'prueba - Schema' and 'alumnos - Table'. A SQL editor tab titled 'SQL File 2\*' contains the following code:

```
1 • insert into alumnos (nombre, apellido) values ("Pablo", "Perez");
2 • insert into alumnos (nombre, apellido) values ("Hernan", "Hernandez");
3 • insert into alumnos (nombre, apellido) values ("Marcelo", "Martinez");
4
5 • select * from alumnos;
```

The bottom section shows the 'Output' tab with the title 'Action Output'. It lists the following actions and their results:

#	Action	Message	Duration / Fetch
3	select * from alumnos LIMIT 0, 1000	Error Code: 1046. No database selected Select the default DB to be used by double quotes	0.000 sec
4	select * from alumnos LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
5	insert into alumnos (nombre, apellido) values ("Pablo", "Perez")	1 row(s) affected	0.000 sec
6	insert into alumnos (nombre, apellido) values ("Heman", "Hernandez")	1 row(s) affected	0.015 sec
7	insert into alumnos (nombre, apellido) values ("Marcelo", "Martinez")	1 row(s) affected	0.000 sec
8	select * from alumnos LIMIT 0, 1000	3 row(s) returned	0.000 sec / 0.000 sec

En una nueva ventana de consulta escribimos  
las consultas SQL a ejecutar

The screenshot shows the MySQL Workbench interface. On the left, the Navigator pane displays the database schema 'prueba' with its tables, views, stored procedures, and functions. The 'alumnos' table is selected. The SQL Editor pane contains the following code:

```
1 • insert into alumnos (nombre, apellido) values ("Pablo", "Perez");
2 • insert into alumnos (nombre, apellido) values ("Hernan", "Hernandez");
3 • insert into alumnos (nombre, apellido) values ("Marcelo", "Martinez");
4
5 • select * from alumnos;
```

The Result Grid pane shows the data in the 'alumnos' table:

	id	nombre	apellido
1	Pablo	Perez	
2	Hernan	Hernandez	
3	Marcelo	Martinez	
*	NULL	NULL	NULL

The Output pane at the bottom shows the execution log:

#	Time	Action	Message	Duration / Fetch
7	13:36:40	insert into alumnos (nombre, apellido) values ("Marcelo", "Martinez")	1 row(s) affected	0.000 sec
8	13:36:40	select * from alumnos LIMIT 0, 1000	3 row(s) returned	0.000 sec / 0.000 sec
9	13:37:02	insert into alumnos (nombre, apellido) values ("Pablo", "Perez")	1 row(s) affected	0.000 sec
10	13:37:02	insert into alumnos (nombre, apellido) values ("Heman", "Hernandez")	1 row(s) affected	0.015 sec
11	13:37:02	insert into alumnos (nombre, apellido) values ("Marcelo", "Martinez")	1 row(s) affected	0.000 sec
12	13:37:02	select * from alumnos LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec

Para ejecutar las consultas hacemos click sobre el ícono con el rayo amarillo, o en el menú **Query, Execute** (Control+Shift+Enter)