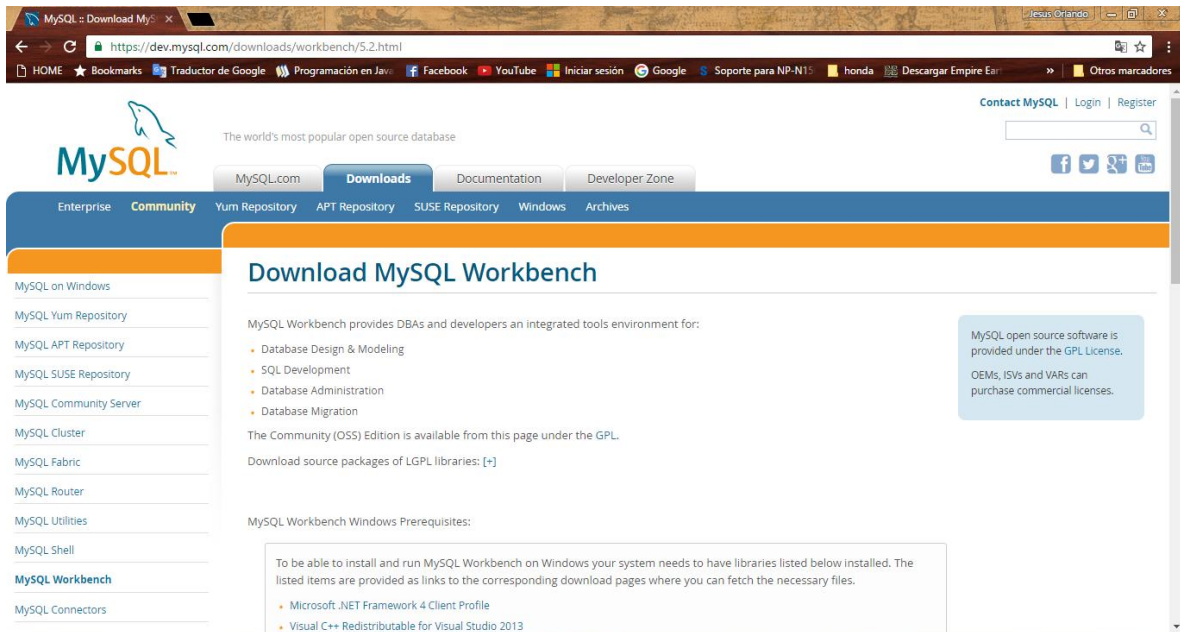
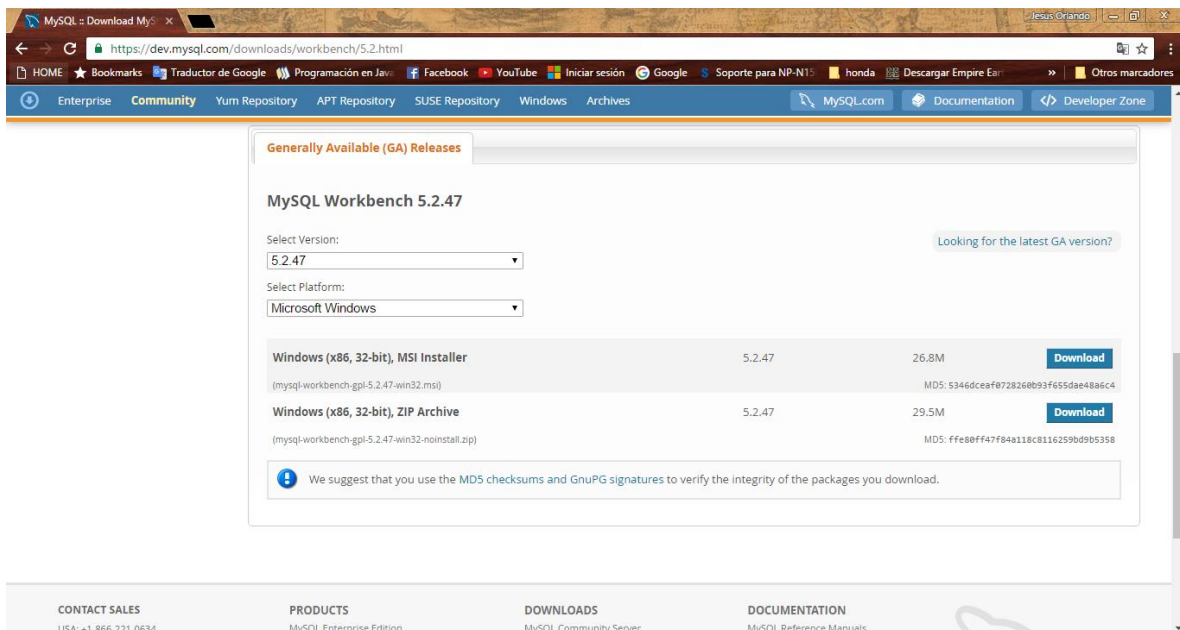


Tutorial workbench

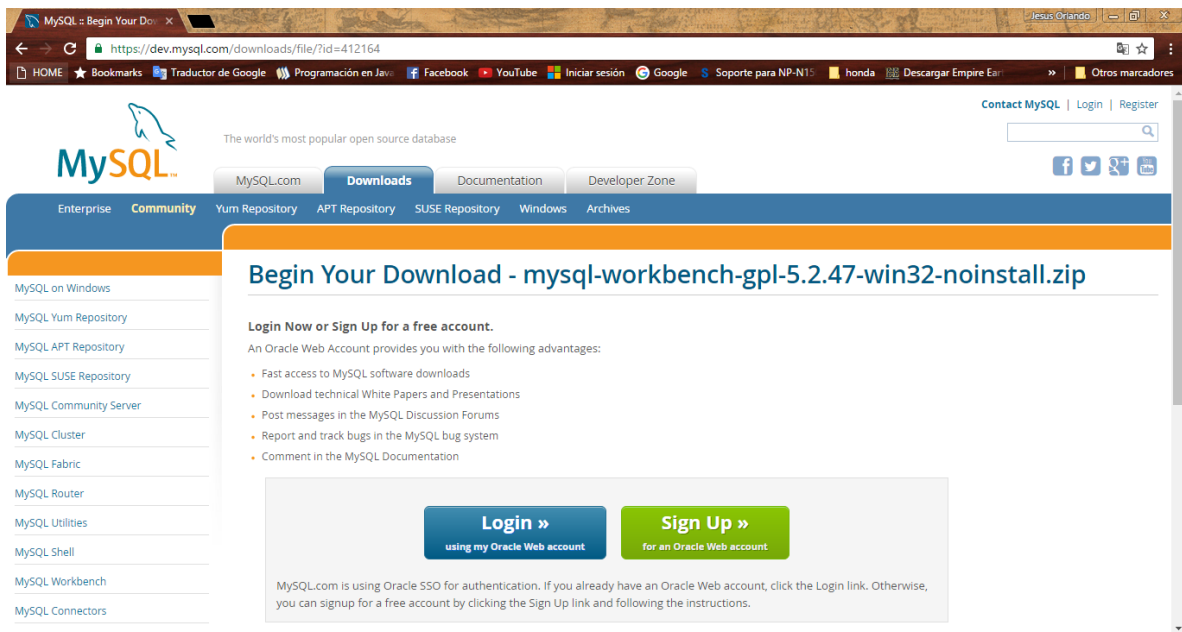
Primero accedemos a la página <https://dev.mysql.com/downloads/workbench/5.2.html> y descargamos workbench



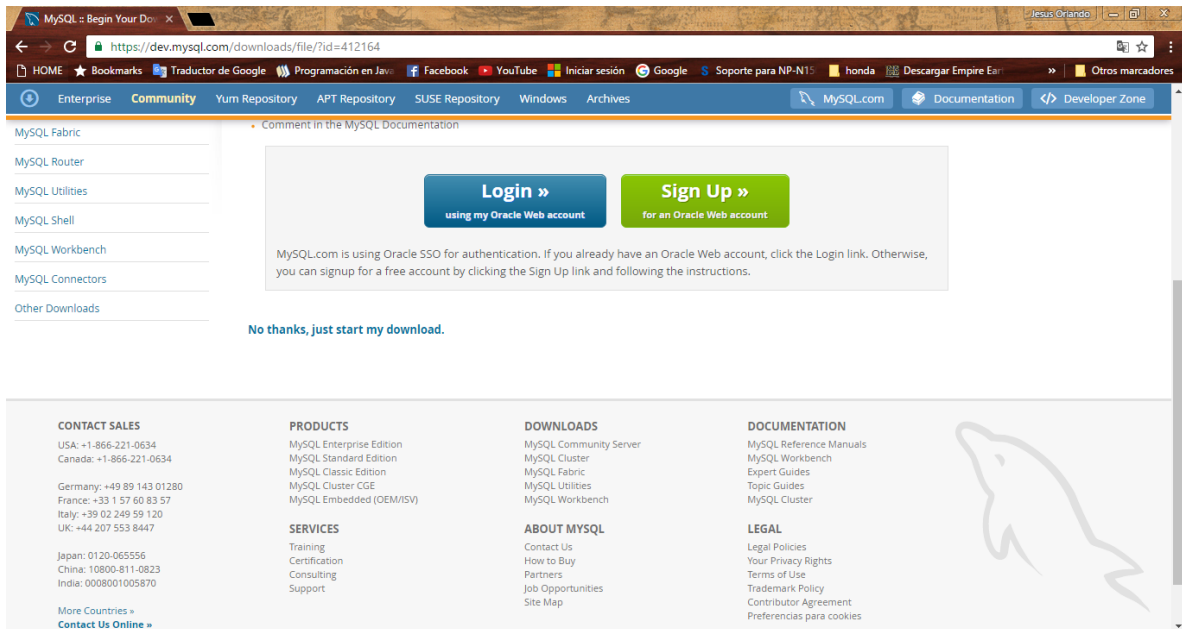
Presionamos **download** de acuerdo a como queramos el workbench yo lo descargare en **ZIP**



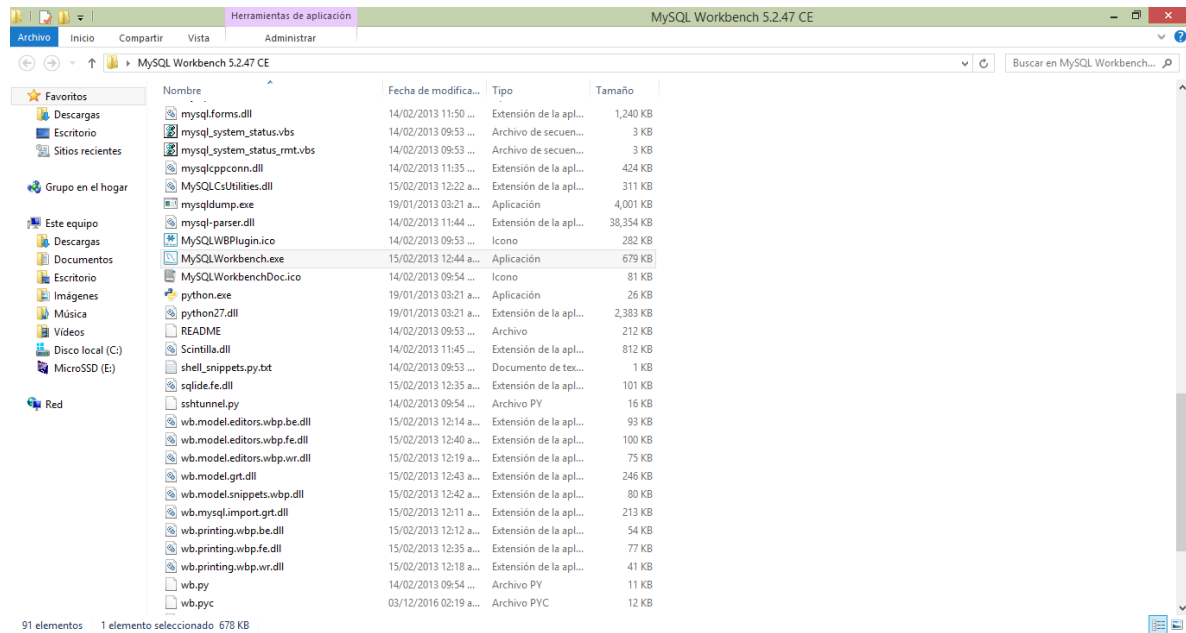
Al dar click en la descarga cambiara de página



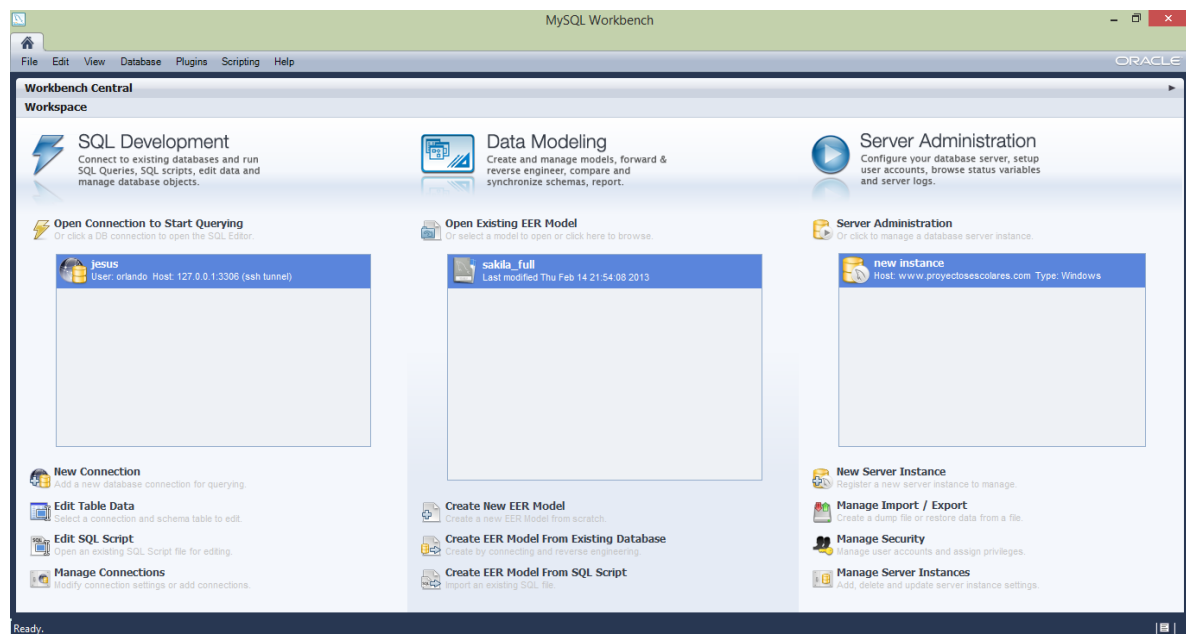
Hay dos opciones. Registrarse; es una opción personal o **No thanks, just start my download** que fue la que yo elegí



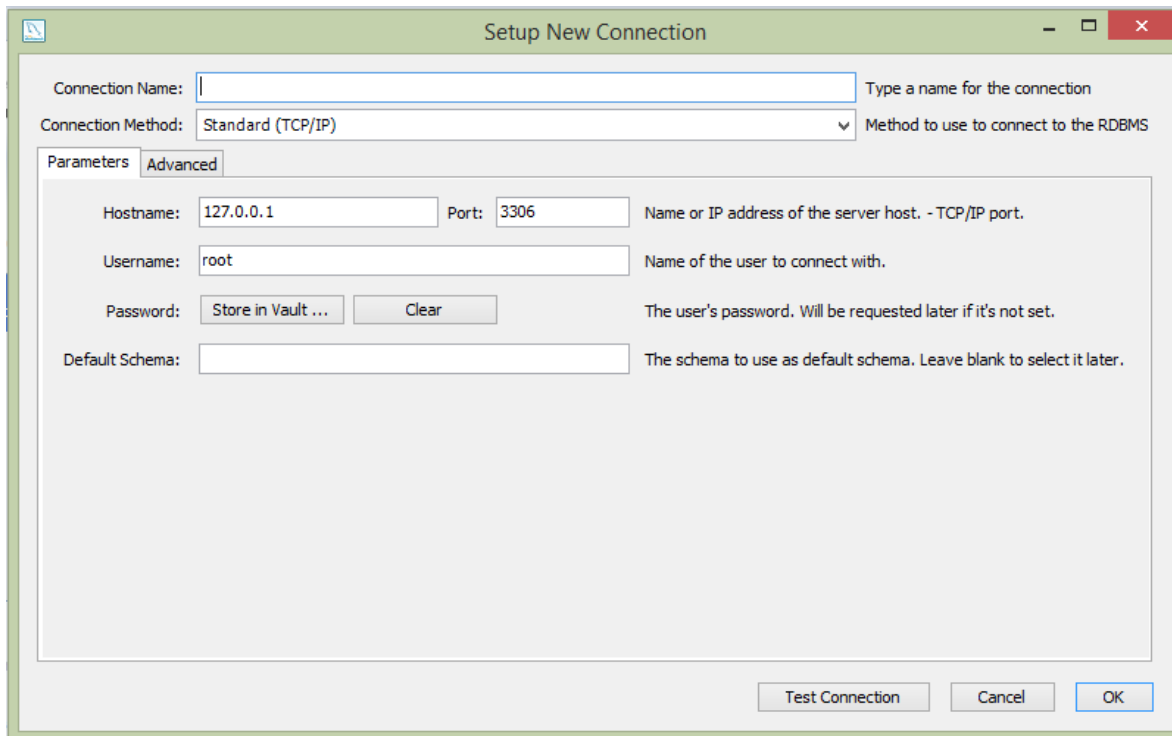
Una vez descargado hay que descomprimir y tendrán estos archivos donde buscaremos el **MySQLWorkbench.exe** archivo que abriremos para configurar el acceso a mysql



Una vez abierto es necesario hacer una nueva conexión, en la opción **New Connection**



Aparecerá esta ventana donde en la opción **Connection Method** es necesario cambiar a **standard TCP/IP o over SSH**



The screenshot shows the 'Setup New Connection' dialog box. The 'Connection Method' dropdown is set to 'Standard (TCP/IP)'. The 'Parameters' tab is active, showing fields for Hostname (127.0.0.1), Port (3306), Username (root), Password (Store in Vault ...), and Default Schema. The 'Advanced' tab is also visible but not selected.

Connection Name: Type a name for the connection

Connection Method: Standard (TCP/IP) Method to use to connect to the RDBMS

Parameters Advanced

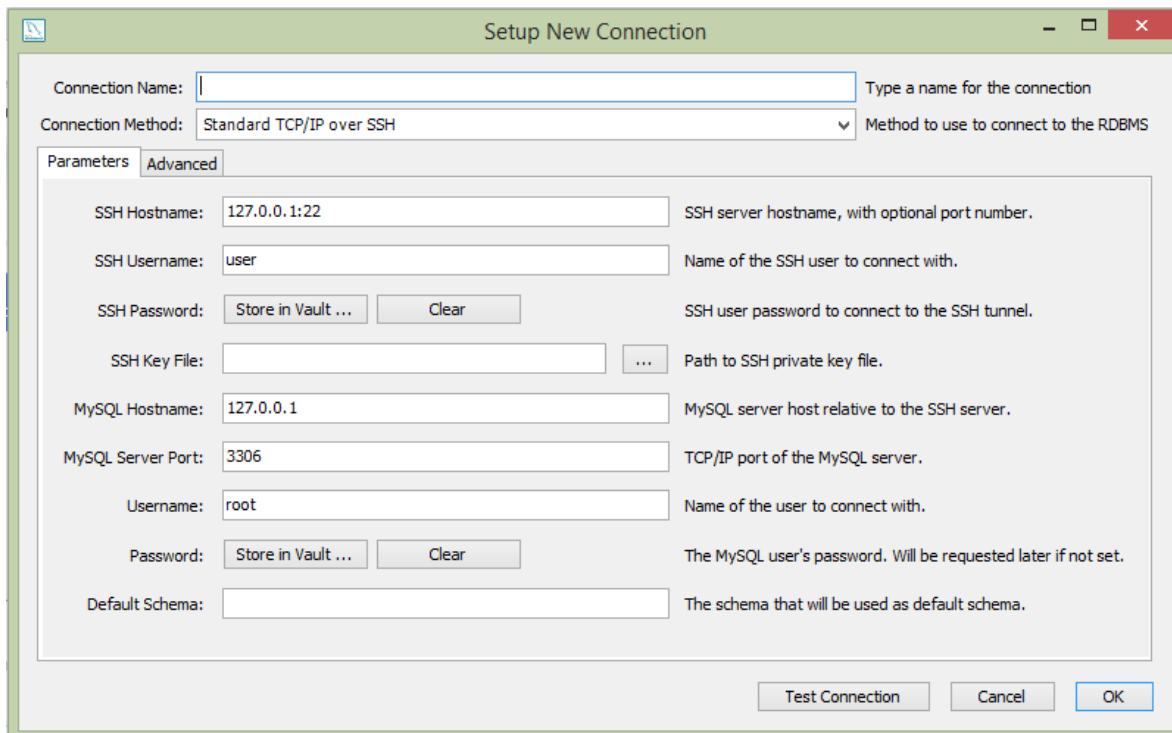
Hostname: 127.0.0.1 Port: 3306 Name or IP address of the server host. - TCP/IP port.

Username: root Name of the user to connect with.

Password: Store in Vault ... Clear The user's password. Will be requested later if it's not set.

Default Schema: The schema to use as default schema. Leave blank to select it later.

Test Connection Cancel OK



The screenshot shows the 'Setup New Connection' dialog box with the 'Connection Method' dropdown set to 'Standard TCP/IP over SSH'. The 'Parameters' tab is active, showing fields for SSH Hostname (127.0.0.1:22), SSH Username (user), SSH Password (Store in Vault ...), SSH Key File, MySQL Hostname (127.0.0.1), MySQL Server Port (3306), Username (root), Password (Store in Vault ...), and Default Schema. The 'Advanced' tab is also visible but not selected.

Connection Name: Type a name for the connection

Connection Method: Standard TCP/IP over SSH Method to use to connect to the RDBMS

Parameters Advanced

SSH Hostname: 127.0.0.1:22 SSH server hostname, with optional port number.

SSH Username: user Name of the SSH user to connect with.

SSH Password: Store in Vault ... Clear SSH user password to connect to the SSH tunnel.

SSH Key File: ... Path to SSH private key file.

MySQL Hostname: 127.0.0.1 MySQL server host relative to the SSH server.

MySQL Server Port: 3306 TCP/IP port of the MySQL server.

Username: root Name of the user to connect with.

Password: Store in Vault ... Clear The MySQL user's password. Will be requested later if not set.

Default Schema: The schema that will be used as default schema.

Test Connection Cancel OK

Ahora llenamos los campos

Setup New Connection

Connection Name: Type a name for the connection

Connection Method: Method to use to connect to the RDBMS

Parameters **Advanced**

SSH Hostname: SSH server hostname, with optional port number.

SSH Username: Name of the SSH user to connect with.

SSH Password: Clear SSH user password to connect to the SSH tunnel.

SSH Key File: ... Path to SSH private key file.

MySQL Hostname: MySQL server host relative to the SSH server.

MySQL Server Port: TCP/IP port of the MySQL server.

Username: Name of the user to connect with.

Password: Clear The MySQL user's password. Will be requested later if not set.

Default Schema: The schema that will be used as default schema.

Test Connection Cancel OK

Al terminar de llenarlos le damos al botón **Test Connection** si es correcto podemos dar **OK**

Setup New Connection

Connection Name: Type a name for the connection

Connection Method: Method to use to connect to the RDBMS

Parameters **Advanced**

SSH Hostname:

SSH Username:

SSH Password: Clear

SSH Key File:

MySQL Hostname:

MySQL Server Port:

Username:

Password: Clear The MySQL user's password. Will be requested later if not set.

Default Schema: The schema that will be used as default schema.

Test Connection Cancel OK

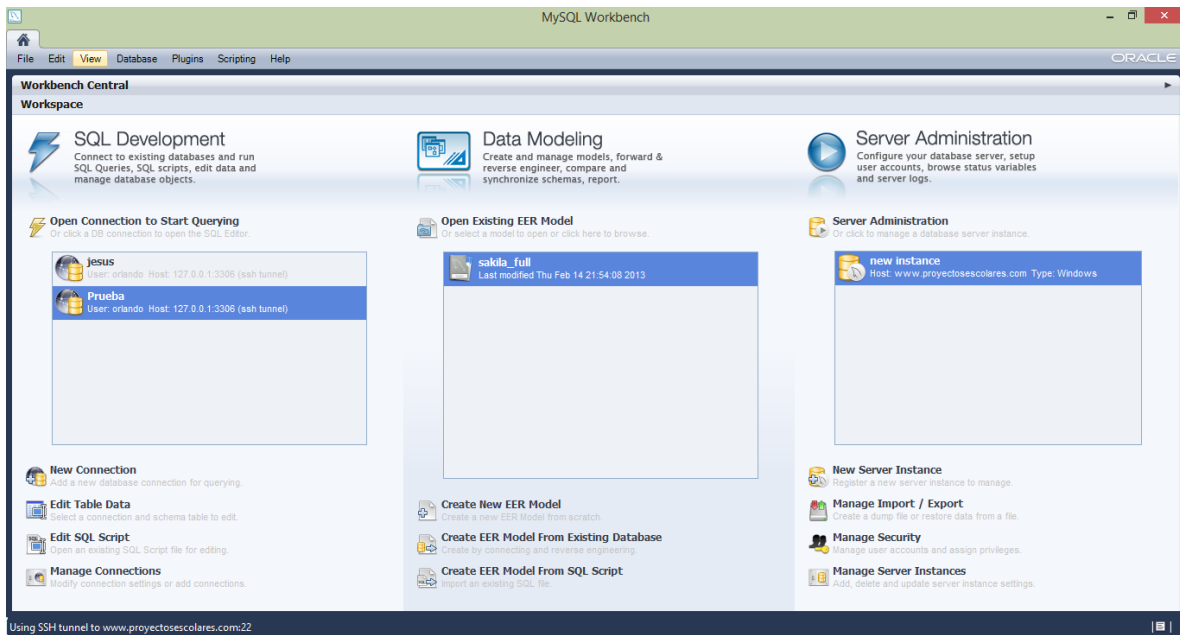
MySQL Workbench

i Connected to MySQL at 127.0.0.1:3306 through SSH tunnel at [www.proyectosescolares.com:22](#) with user [orlando](#)

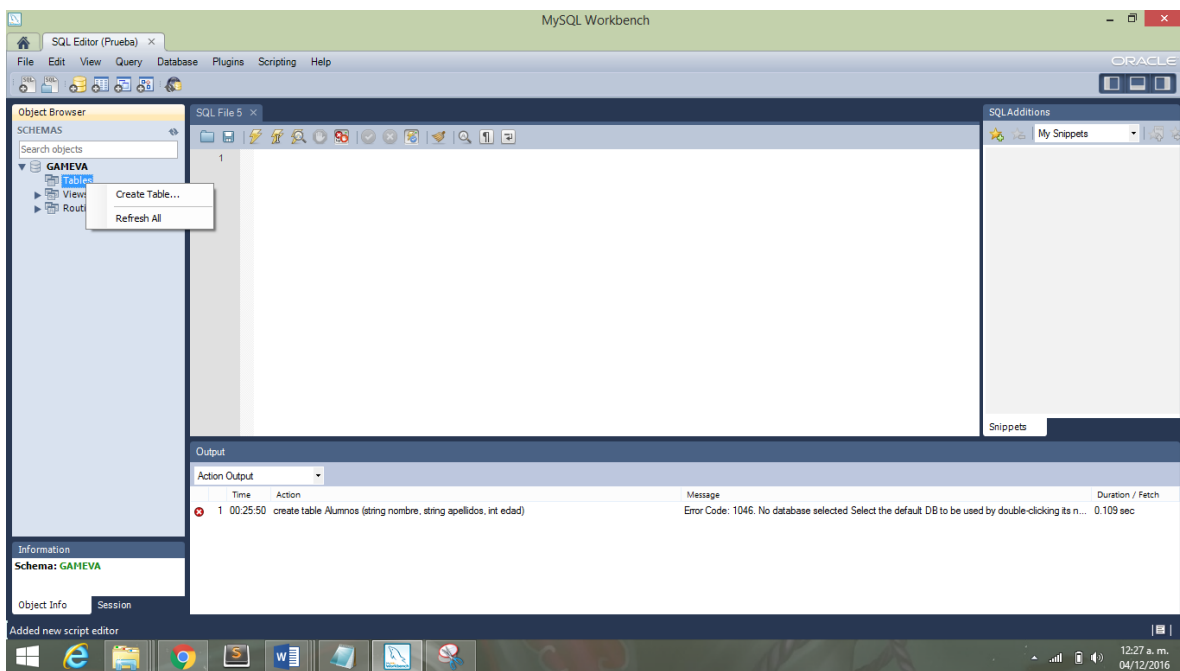
Connection parameters are correct.

OK

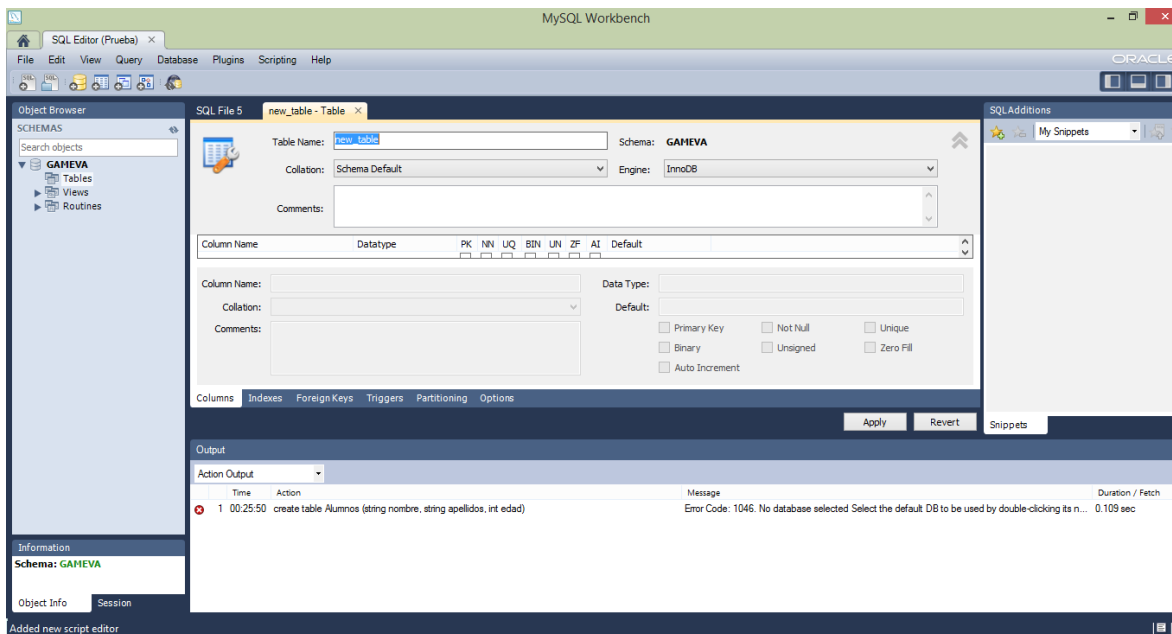
Una vez configurado ingresamos dando doble click a la base de datos **Prueba**



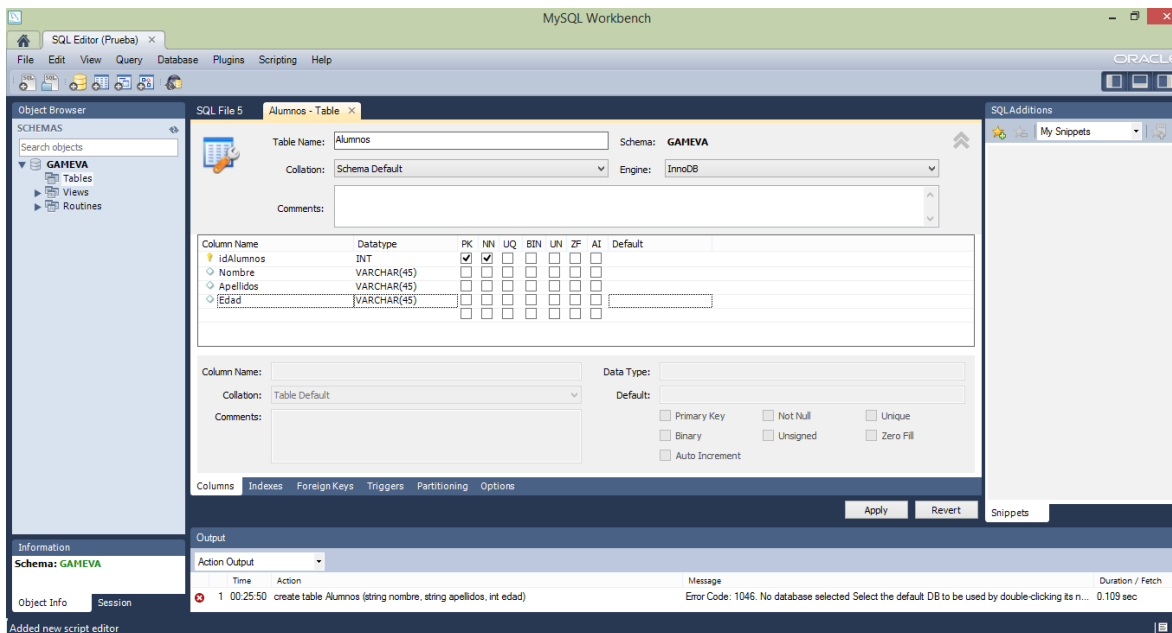
Una vez estando dentro damos click derecho en la base de datos a trabajar carpeta **Tables** y seleccionamos **Create Table**



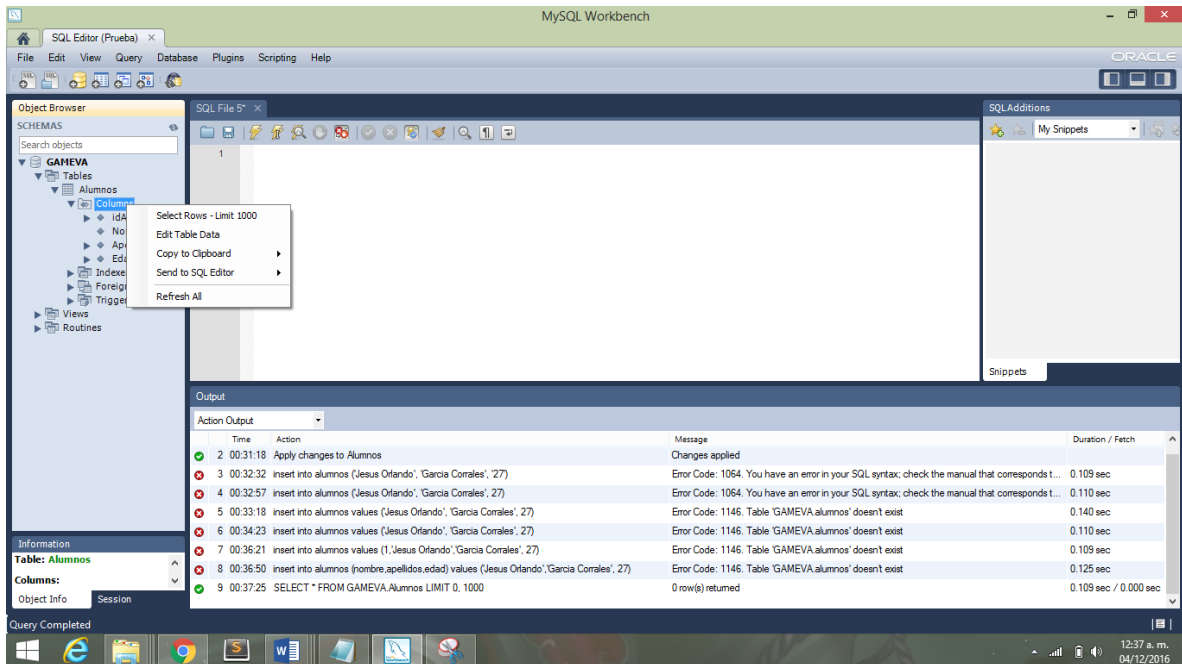
Le ponemos nombre a la tabla



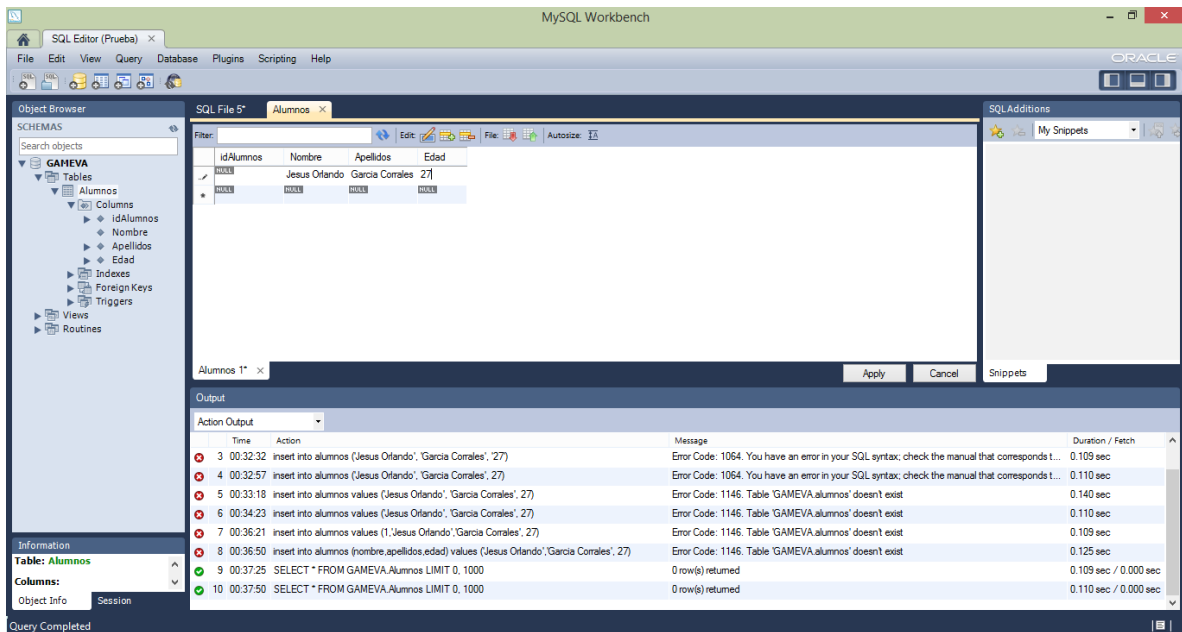
Seleccionamos los nombres de Columna, tipos de datos y clave primaria. Al terminar presionamos el botón **Apply**,



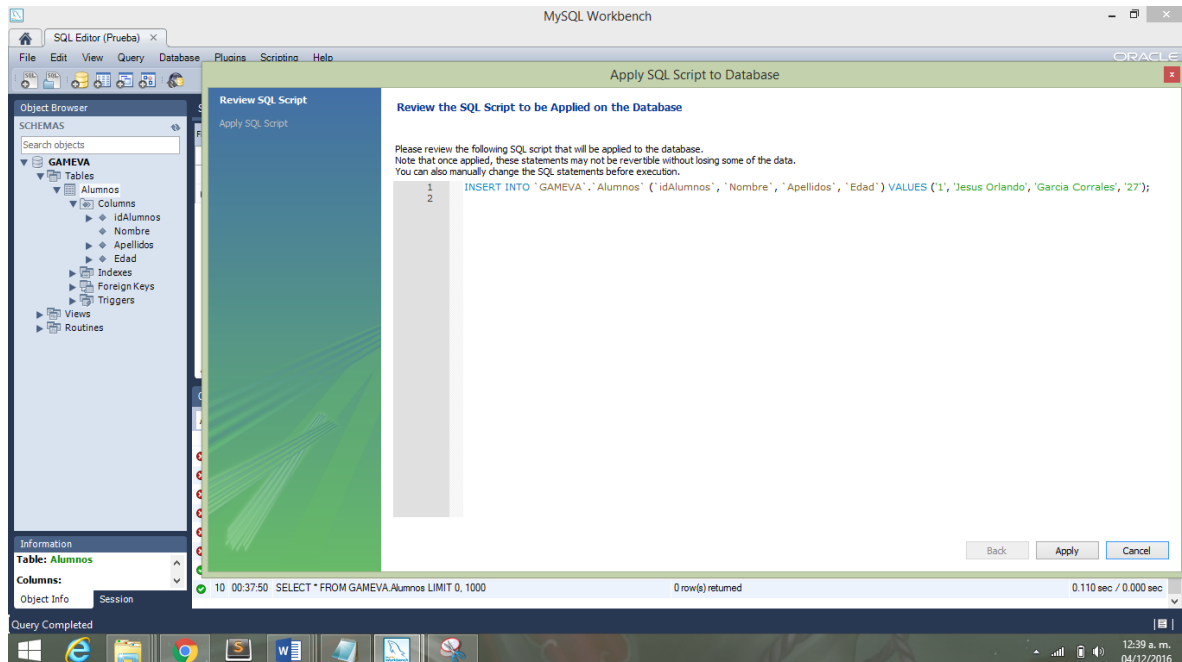
Creamos una tabla a hora damos click derecho en el nombre de la tala y seleccionamos la opción **Edit Table Data**



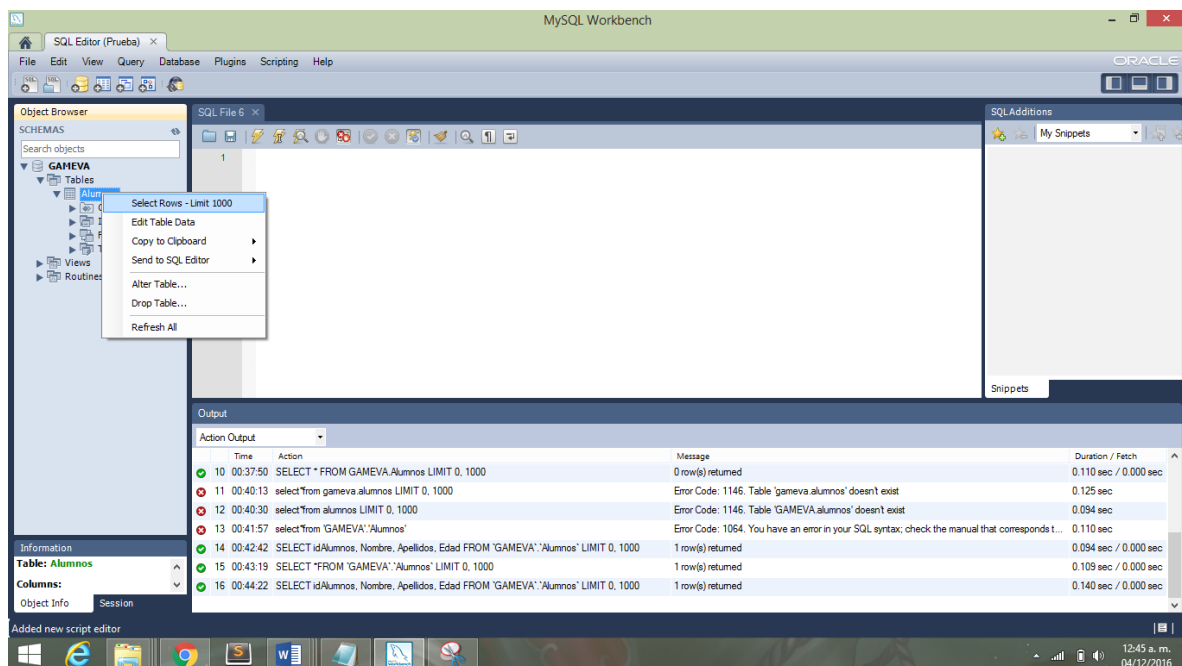
Rellenamos los campos que se ingresaran a la tabla y presionamos el botón **Apply**



Aparecerá la consulta realizada y es necesario presionar el botón **Apply** si quieren que se grabe la información capturada.



Si queremos ver el contenido grabado en la tabla solo es necesario posicionarse sobre la tabla y seleccionar la opción **Select Rows – Limit 1000**



En pantalla se mostrara la consulta y el contenido que tiene la tabla.

The screenshot shows the MySQL Workbench interface. The SQL Editor (Query 5) contains the query: `SELECT * FROM GAMEVA.Alumnos;`. The Object Browser on the left shows the database structure for 'GAMEVA', including tables, columns, indexes, foreign keys, triggers, views, and routines. The 'Alumnos' table is selected, and its structure is displayed in the 'Table: Alumnos' section at the bottom left. The 'Output' pane shows the execution results, including error messages and the duration of the query. The 'Table: Alumnos' section shows the following structure:

| idAlumnos | Nombre | Apellidos | Edad |
|-----------|---------------|-----------------|------|
| 1 | Jesus Orlando | Garcia Corrales | 27 |

The 'Output' pane shows the following execution results:

| Time | Action | Message | Duration / Fetch |
|-------------|---|---|-----------------------|
| 11 00:40:13 | select from gameva.alumnos LIMIT 0, 1000 | Error Code: 1146. Table 'gameva alumnos' doesn't exist | 0.125 sec |
| 12 00:40:30 | select from alumnos LIMIT 0, 1000 | Error Code: 1146. Table 'GAMEVA alumnos' doesn't exist | 0.094 sec |
| 13 00:41:57 | select from 'GAMEVA'.Alumnos | Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds to... | 0.110 sec |
| 14 00:42:42 | SELECT idAlumnos, Nombre, Apellidos, Edad FROM 'GAMEVA'.Alumnos LIMIT 0, 1000 | 1 row(s) returned | 0.094 sec / 0.000 sec |
| 15 00:43:19 | SELECT * FROM 'GAMEVA'.Alumnos LIMIT 0, 1000 | 1 row(s) returned | 0.109 sec / 0.000 sec |
| 16 00:44:22 | SELECT idAlumnos, Nombre, Apellidos, Edad FROM 'GAMEVA'.Alumnos LIMIT 0, 1000 | 1 row(s) returned | 0.140 sec / 0.000 sec |
| 17 00:46:54 | SELECT * FROM GAMEVA.Alumnos LIMIT 0, 1000 | 1 row(s) returned | 0.109 sec / 0.000 sec |

The 'Table: Alumnos' section shows the following structure:

| idAlumnos | Nombre | Apellidos | Edad |
|-----------|---------------|-----------------|------|
| 1 | Jesus Orlando | Garcia Corrales | 27 |