



# JAVA - ECLIPSE & MYSQL

SPRING BOOT

MAVEN

# JAVA

- [HTTPS://WWW.ORACLE.COM/AR/JAVA/TECHNOLOGIES/DOWNLOADS/](https://www.oracle.com/ar/java/technologies/downloads/)

Linux macOS **Windows**

Product/file description	File size	Download
x64 Compressed Archive	179.13 MB	<a href="https://download.oracle.com/java/19/latest/jdk-19_windows-x64_bin.zip">https://download.oracle.com/java/19/latest/jdk-19_windows-x64_bin.zip</a> ( sha256)
x64 Installer	158.91 MB	<a href="https://download.oracle.com/java/19/latest/jdk-19_windows-x64_bin.exe">https://download.oracle.com/java/19/latest/jdk-19_windows-x64_bin.exe</a> ( sha256)
x64 MSI Installer	157.76 MB	<a href="https://download.oracle.com/java/19/latest/jdk-19_windows-x64_bin.msi">https://download.oracle.com/java/19/latest/jdk-19_windows-x64_bin.msi</a> ( sha256)

Variable PATH

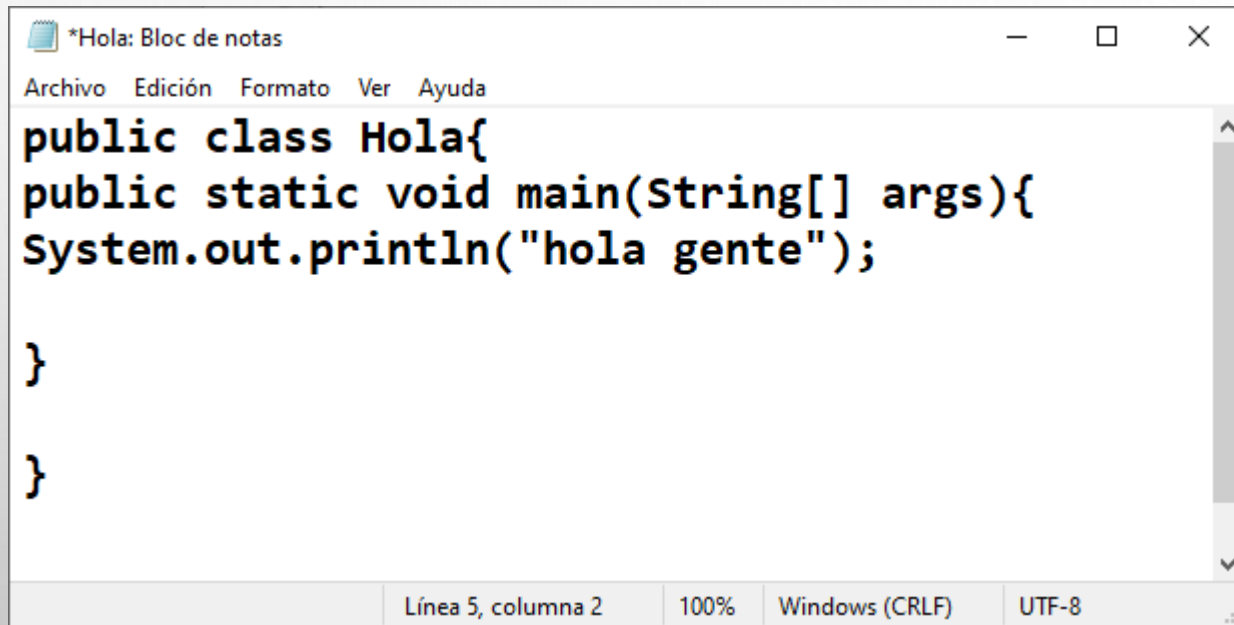
Editar la variable de usuario

Nombre de la variable:

Valor de la variable:

Editar variable de entorno

Guardarlo como Hola.java

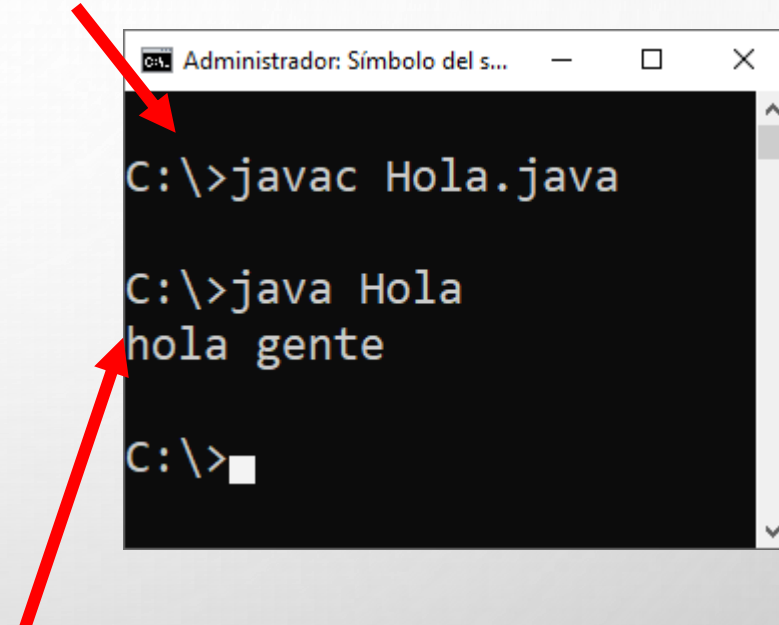


```
*Hola: Bloc de notas
Archivo  Edición  Formato  Ver  Ayuda

public class Hola{
public static void main(String[] args){
System.out.println("hola gente");
}
}
```

Línea 5, columna 2    100%    Windows (CRLF)    UTF-8

compilar



```
Administrador: Símbolo del s...
C:\>javac Hola.java

C:\>java Hola
hola gente

C:\>
```

Ejecutar con la VirtualMachine



**ECLIPSE**  
maven – spring - java

**Tener todos  
estos productos  
instalados**

# ECLIPSE : PLUGINS

<https://www.eclipse.org/downloads/packages/release/2022-12/r/eclipse-ide-enterprise-java-and-web-developers>

## Menu HELP/Eclipse MarketPlace

### Eclipse m2e - Maven support in Eclipse IDE Latest



M2Eclipse provides tight integration for Apache Maven into the Eclipse IDE w  
Launching Maven builds... [more info](#)

by [Eclipse m2e project](#), EPL 2.0

[nature.org.eclipse.m2e.core.maven2Nature fileExtension pom.xml](#)

★ 143



Installs: **8,58K** (664 last month)

### Spring Tools 3 (Standalone Edition) 3.9.14.RELEASE



Spring Tools 3 (Standalone Edition) Attention - End of life: The Spring Tools 3 are  
versions. Please... [more info](#)

by [VMware](#), EPL

[J2EE](#) [spring](#) [Spring IDE](#) [Cloud](#) [jee](#)

★ 108



Installs: **312K** (6,034 last month)

### Spring Tools 4 (aka Spring Tool Suite 4) 4.16.0.RELEASE



Spring Tools 4 is the next generation of Spring Boot tooling for your favorite coding environent. Largely rebuilt from scratch  
class support... [more info](#)

by [VMware](#), EPL

[spring](#) [Spring IDE](#) [Cloud](#) [Spring Tool Suite](#) [STS](#)

★ 3698



Installs: **2,37M** (31,191 last month)

### Spring Tools 3 Add-On for Spring Tools 4 3.9.22.RELEASE



Spring Tools 3 Add-On for Spring Tools 4 End of life: This Spring Tools 3 Add-On for Spring Tools 4 is no longer maintained o  
and last release... [more info](#)

by [VMware](#), EPL

[J2EE](#) [spring](#) [Spring IDE](#) [Cloud](#) [jee](#)

★ 327



Installs: **549K** (5,067 last month)

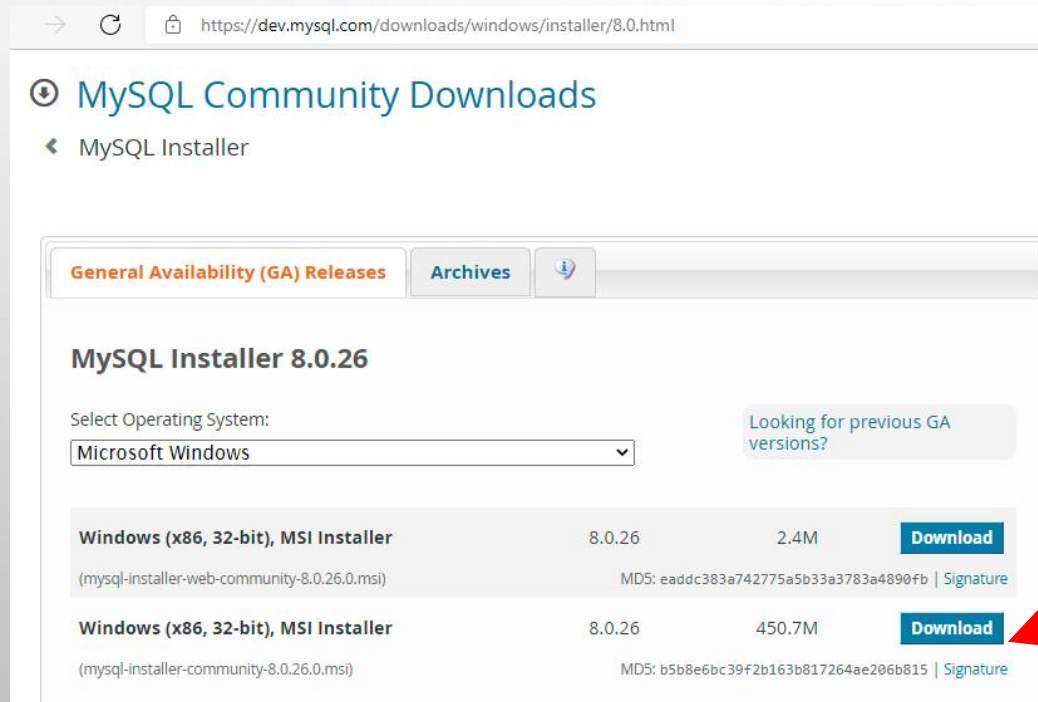
# BASES DE DATOS: MYSQL





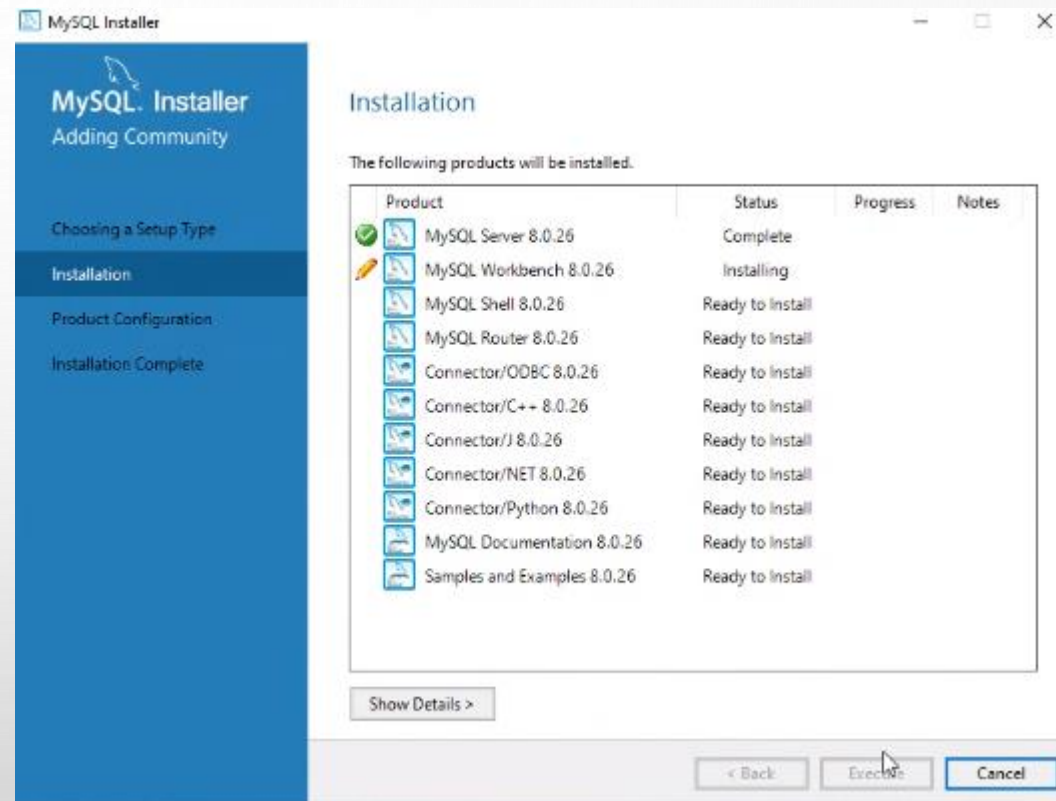
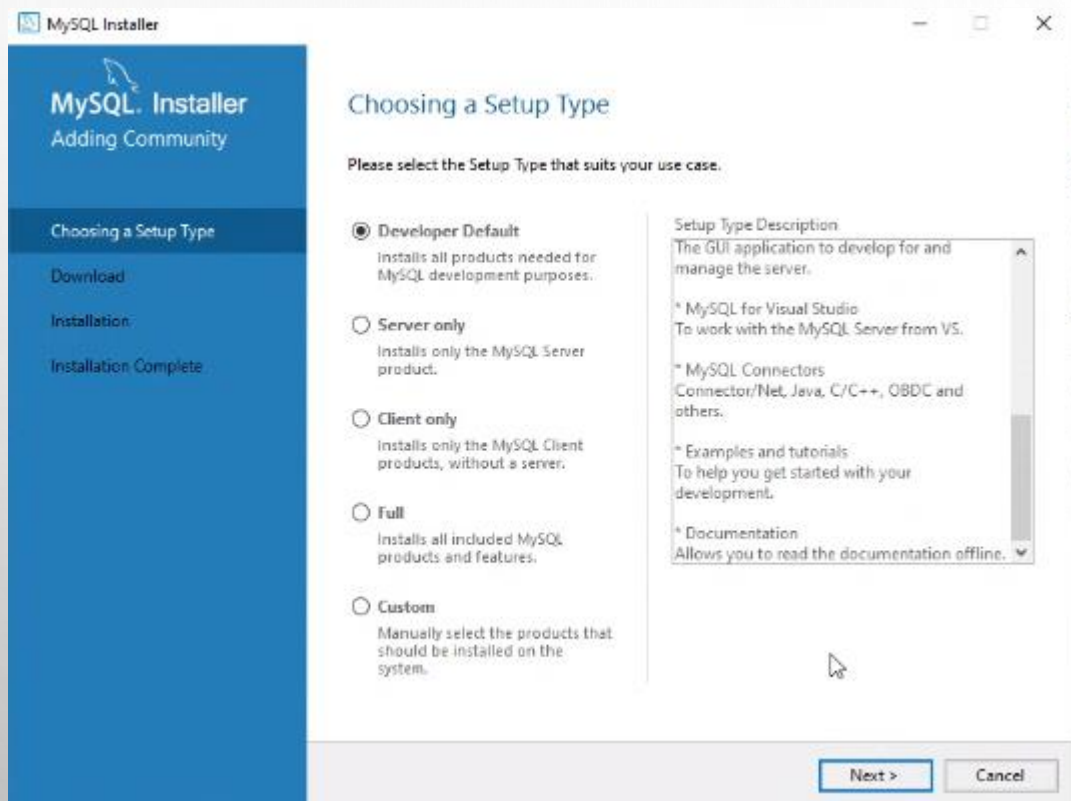
# INSTALACION

- [MYSQL :: DOWNLOAD MYSQL INSTALLER](https://dev.mysql.com/downloads/windows/installer/8.0.html)
  - [HTTPS://DEV.MYSQL.COM/DOWNLOADS/WINDOWS/INSTALLER/8.0.HTML](https://dev.mysql.com/downloads/windows/installer/8.0.html)
  - PARA MAC: [HTTPS://DEV.MYSQL.COM/DOWNLOADS/MYSQL/](https://dev.mysql.com/downloads/mysql/)



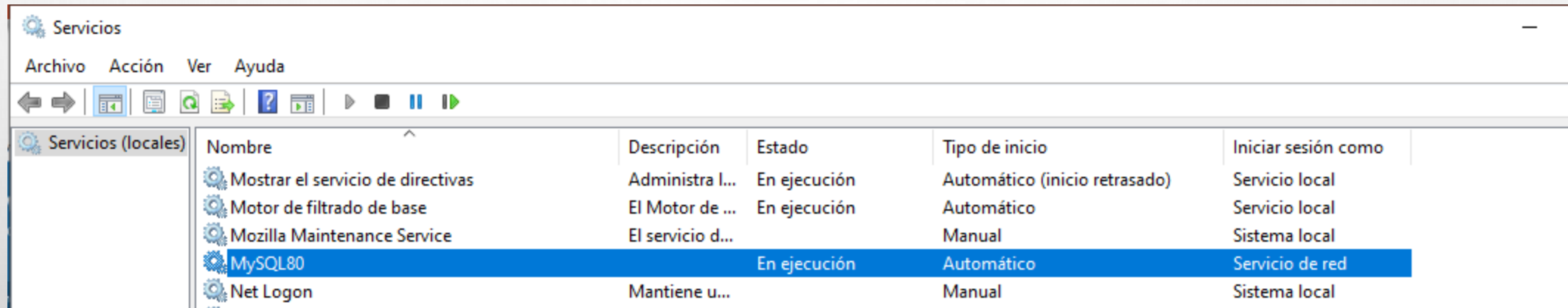
Instalar

- Community Server
- Workbench





# MYSQL



The screenshot shows the Windows Services console window. The title bar is 'Servicios'. The menu bar includes 'Archivo', 'Acción', 'Ver', and 'Ayuda'. The toolbar contains various icons for navigation and actions. The left pane shows 'Servicios (locales)'. The main pane displays a table of services.

Nombre	Descripción	Estado	Tipo de inicio	Iniciar sesión como
Mostrar el servicio de directivas	Administra l...	En ejecución	Automático (inicio retrasado)	Servicio local
Motor de filtrado de base	El Motor de ...	En ejecución	Automático	Servicio local
Mozilla Maintenance Service	El servicio d...		Manual	Sistema local
MySQL80		En ejecución	Automático	Servicio de red
Net Logon	Mantiene u...		Manual	Sistema local

En los servicios de Windows, por default se ejecuta en el startup de Windows

# ARQUITECTURA

- CREAR LA **BD**
  - MYSQL
- CREAR PROYECTO **FUNDAMENTOS**
  - ECLIPSE