PRÁCTICA 1: INSTALACIÓN DE HERRAMIENTAS

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Contents

Comandos github:

git clone:

Copia un repositorio en el directorio actual (desde donde se ejecute el comando).

```
C:\Users\Vicente Martín\Desktop>git clone https://github.com/VinnyMartin2002/hello-world
Cloning into 'hello-world'...
remote: Enumerating objects: 38, done.
remote: Counting objects: 100% (4/4), done.
remote: Compressing objects: 100% (4/4), done.
Receiving objects:  73% (28/38)sed 0 (delta 0), pack-reused 34
Receiving objects: 100% (38/38), 59.56 KiB | 1.14 MiB/s, done.
```

git status:

Indica el estado actual del "tree"

```
C:\Users\Vicente Martín\Desktop\hello-world>git status
On branch main
Your branch is up to date with 'origin/main'.
```

git add:

 Añade los documentos nuevos del directorio al índice para que se incluyan en el siguiente "commit".

```
C:\Users\Vicente Martín\Desktop\hello-world>git add .

C:\Users\Vicente Martín\Desktop\hello-world>git status
On branch main
Your branch is up to date with 'origin/main'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   prueba.txt
```

git commit:

Guarda los cambios en el repositorio.

```
C:\Users\Vicente Martín\Desktop\hello-world>git commit -m "Agregado un .txt de prueba para comprobar la funcionalidad de
 el comando git add."
[main 09f5e07] Agregado un .txt de prueba para comprobar la funcionalidad de el comando git add.
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 prueba.txt
```

git push:

Sube los cambios del repositorio a la nube para que otros programadores puedan ver los cambios realizados.

```
C:\Users\Vicente Martín\Desktop\hello-world>git push
info: please complete authentication in your browser...
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 12 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 327 bytes | 327.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/VinnyMartin2002/hello-world
   48fe276..09f5e07  main -> main
```

git checkout:

Cambiar de rama o restaurar los documentos de trabajo.

```
C:\Users\Vicente Martín\Desktop\hello-world>git checkout -b feature/1
Switched to a new branch 'feature/1'

C:\Users\Vicente Martín\Desktop\hello-world>git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.
```

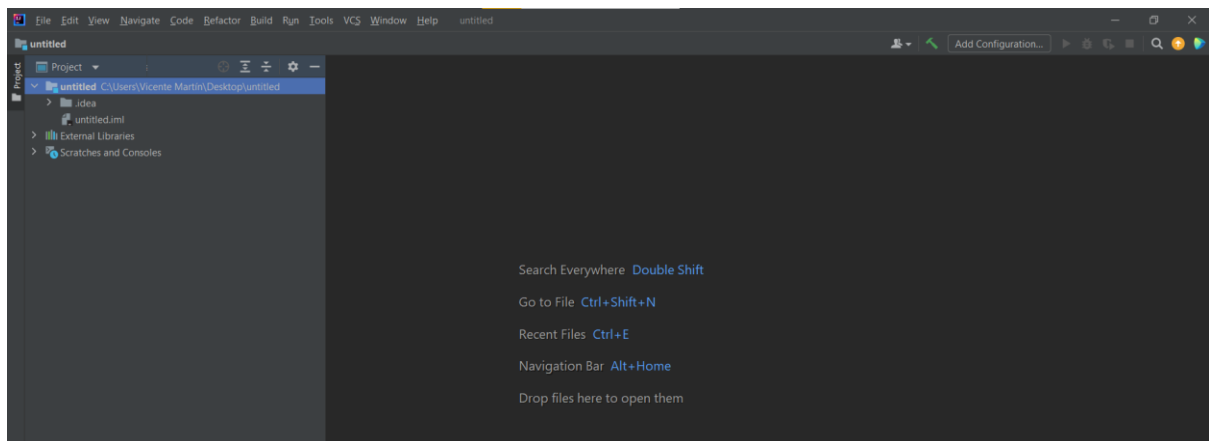# Prueba de la instalación de software necesario:

Java 16:

```
C:\Users\Vicente Martín\Desktop\hello-world>java -version
java version "16.0.2" 2021-07-20
Java(TM) SE Runtime Environment (build 16.0.2+7-67)
Java HotSpot(TM) 64-Bit Server VM (build 16.0.2+7-67, mixed mode, sharing)
```

Maven:

```
C:\Users\Vicente Martín>mvn -v
Apache Maven 3.8.7 (b89d5959fcde851dcb1c8946a785a163f14e1e29)
Maven home: C:\Program Files\apache-maven-3.8.7
Java version: 16.0.2, vendor: Oracle Corporation, runtime: C:\Program Files\Java\jdk-16.0.2
Default locale: en_GB, platform encoding: Cp1252
OS name: "windows 10", version: "10.0", arch: "amd64", family: "windows"
```

IntelliJ:

Docker