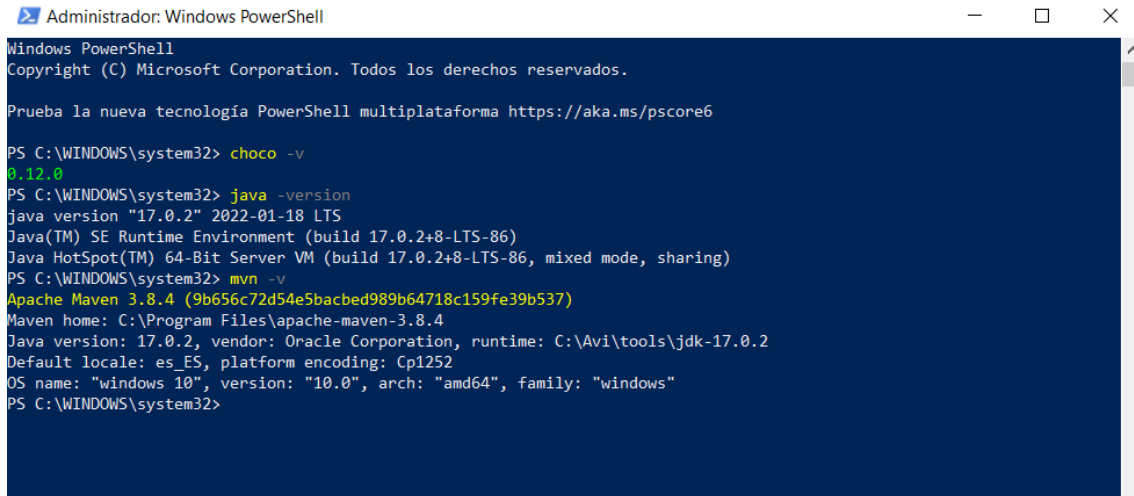


PRÁCTICA 1

En primer lugar, descargamos los programas necesarios, que son Java 17, Maven y Chocolatey.



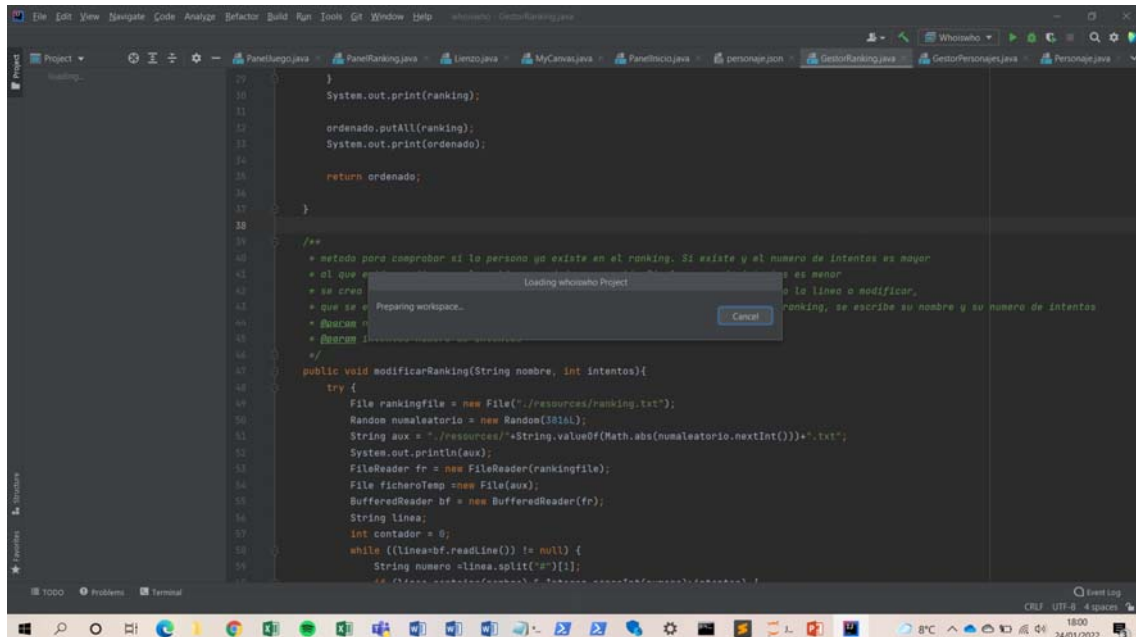
```

Administrador: Windows PowerShell
Windows PowerShell
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Prueba la nueva tecnología PowerShell multiplataforma https://aka.ms/pscore6

PS C:\WINDOWS\system32> choco -v
0.12.0
PS C:\WINDOWS\system32> java -version
java version "17.0.2" 2022-01-18 LTS
Java(TM) SE Runtime Environment (build 17.0.2+8-LTS-86)
Java HotSpot(TM) 64-Bit Server VM (build 17.0.2+8-LTS-86, mixed mode, sharing)
PS C:\WINDOWS\system32> mvn -v
Apache Maven 3.8.4 (9b656c72d54e5bacbed989b64718c159fe39b537)
Maven home: C:\Program Files\apache-maven-3.8.4
Java version: 17.0.2, vendor: Oracle Corporation, runtime: C:\Avi\tools\jdk-17.0.2
Default locale: es_ES, platform encoding: Cp1252
OS name: "windows 10", version: "10.0", arch: "amd64", family: "windows"
PS C:\WINDOWS\system32>
  
```

Además utilizaremos IntelliJ, que ya había utilizado antes.



Una vez tenemos todo, probamos los siguientes comandos desde Gitpod.

- Git clone

Copia el repositorio indicado en un nuevo directorio, en otra ubicación.

```

gitpod /workspace/hello-world-1 $ git clone https://github.com/gitt-3-pat/hello-world
Cloning into 'hello-world'...
remote: Enumerating objects: 38, done.
remote: Counting objects: 100% (38/38), done.
remote: Compressing objects: 100% (23/23), done.
remote: Total 38 (delta 1), reused 31 (delta 0), pack-reused 0
Receiving objects: 100% (38/38), 58.97 KiB | 4.54 MiB/s, done.
Resolving deltas: 100% (1/1), done.
gitpod /workspace/hello-world-1 $
  
```

- Git status

Muestra el estado del directorio en el que estamos trabajando y los cambios que se han producido.

```
gitpod /workspace/hello-world-1 $ git status
On branch main
Your branch is up to date with 'origin/main'.

Untracked files:
  (use "git add <file>..." to include in what will be committed)
  hello-world/

nothing added to commit but untracked files present (use "git add" to track)
gitpod /workspace/hello-world-1 $ █
```

- Git add

Se utiliza para añadir todos los cambios que hayas efectuado. El punto significa todos los archivos, si solo quieres un archivo en concreto, se pone el nombre de ese archivo

```
gitpod /workspace/hello-world-1 $ git add .
warning: adding embedded git repository: hello-world
hint: You've added another git repository inside your current repository.
hint: Clones of the outer repository will not contain the contents of
hint: the embedded repository and will not know how to obtain it.
hint: If you meant to add a submodule, use:
hint:
hint:   git submodule add <url> hello-world
hint:
hint: If you added this path by mistake, you can remove it from the
hint: index with:
hint:
hint:   git rm --cached hello-world
```

- Git commit

Guarda los cambios realizados en el repositorio local

```
gitpod /workspace/hello-world-1 $ git commit -m "HOLA SOY MARIA"
[main 7e6b4a1] HOLA SOY MARIA
1 file changed, 1 insertion(+)
create mode 160000 hello-world
gitpod /workspace/hello-world-1 $ █
```

Git push

Guarda los cambios realizados en el repositorio remoto.

```
gitpod /workspace/hello-world-1 $ git push
remote: Permission to mariaolivacalero/hello-world-1.git denied to mariaolivacalero.
fatal: unable to access 'https://github.com/mariaolivacalero/hello-world-1.git/': The requested URL returned error: 403
gitpod /workspace/hello-world-1 $ █
```

Git checkout -b

Te permite desplazarte entre las ramas creadas

```
gitpod /workspace/hello-world-1 $ git checkout -b feature/1ç
Switched to a new branch 'feature/1ç'
gitpod /workspace/hello-world-1 $ █
```

Git main

Me lleva al branch principal

```
gitpod /workspace/hello-world-1 $ git checkout main
Switched to branch 'main'
Your branch is ahead of 'origin/main' by 1 commit.
  (use "git push" to publish your local commits)
gitpod /workspace/hello-world-1 $ █
```
