Jenkins explicación del primer ejercicio (parte 1)
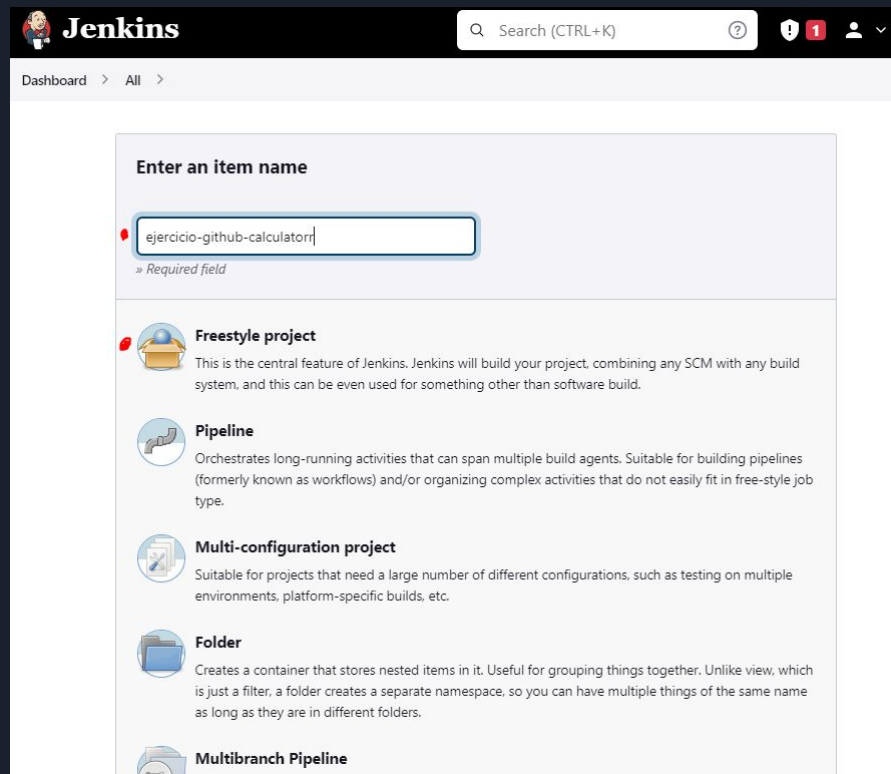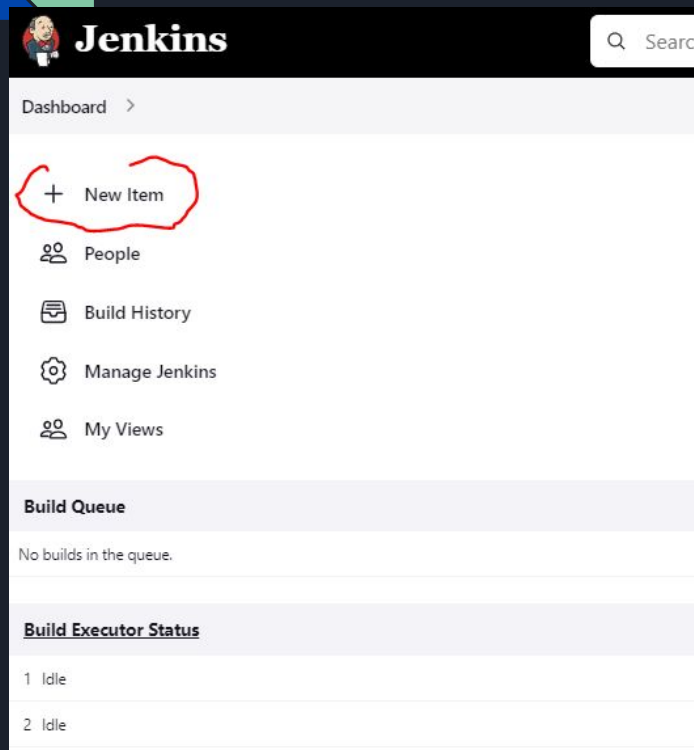
1. Crear un job que haga lo siguiente:
1.1. Descargue el proyecto de la rama master
1.2. Compile el proyecto
1.3. Genere el archivo .jar del proyecto

Por Zeus Vargas

Paso 1: crear el nuevo item/job.

Paso 2: describir lo que va a hacer el nuevo job.

Paso 3: definir la url del repositorio a clonar y su branch.

Paso 4: definir el comportamiento deseado.

Build Steps

≡ **Execute Windows batch command** ?

Command

See the list of available environment variables

```
cd src
javac Calculator.java
fsutil file createnew Manifest.txt 0
echo Main-class: Calculator> Manifest.txt
jar cvfm myCalculatorAsJar.jar Manifest.txt Calculator.class
```

Advanced...

Paso 5: añadir la opción para continuar con una segunda build para el punto 2 del ejercicio y guardar.

Logs de la parte 1 del ejercicio.

```
Started by user zeus vargas
Running as SYSTEM
Building in workspace C:\ProgramData\Jenkins\.jenkins\workspace\ejercicio-github-calculator
The recommended git tool is: NONE
No credentials specified
Cloning the remote Git repository
Cloning repository https://github.com/vero0311/calculator
 > git init C:\ProgramData\Jenkins\.jenkins\workspace\ejercicio-github-calculator # timeout=10
Fetching upstream changes from https://github.com/vero0311/calculator
 > git --version # timeout=10
 > git --version # 'git version 2.38.0.windows.1'
 > git fetch --tags --force --progress -- https://github.com/vero0311/calculator +refs/heads/*:refs/remotes/origin/* # timeout=10
 > git config remote.origin.url https://github.com/vero0311/calculator # timeout=10
 > git config --add remote.origin.fetch +refs/heads/*:refs/remotes/origin/* # timeout=10
Avoid second fetch
 > git rev-parse "refs/remotes/origin/master^{commit}" # timeout=10
Checking out Revision b2ec49664e0aa02b087274ba23f09bd99629c530 (refs/remotes/origin/master)
 > git config core.sparsecheckout # timeout=10
 > git checkout -f b2ec49664e0aa02b087274ba23f09bd99629c530 # timeout=10
Commit message: "Calculator project"
 > git rev-list --no-walk b2ec49664e0aa02b087274ba23f09bd99629c530 # timeout=10
[ejercicio-github-calculator] $ cmd /c call C:\Windows\TEMP\jenkins16233697209536344181.bat

C:\ProgramData\Jenkins\.jenkins\workspace\ejercicio-github-calculator>cd src

C:\ProgramData\Jenkins\.jenkins\workspace\ejercicio-github-calculator\src>javac Calculator.java

C:\ProgramData\Jenkins\.jenkins\workspace\ejercicio-github-calculator\src>fsutil file createnew Manifest.txt 0
File C:\ProgramData\Jenkins\.jenkins\workspace\ejercicio-github-calculator\src\Manifest.txt is created

C:\ProgramData\Jenkins\.jenkins\workspace\ejercicio-github-calculator\src>echo Main-class: Calculator  1>Manifest.txt

C:\ProgramData\Jenkins\.jenkins\workspace\ejercicio-github-calculator\src>jar cvfm myCalculatorAsJar.jar Manifest.txt Calculator.class
added manifest
adding: Calculator.class(in = 1264) (out= 663)(deflated 47%)

C:\ProgramData\Jenkins\.jenkins\workspace\ejercicio-github-calculator\src>exit 0
Triggering a new build of ejercicio-github-calculator-parte-2
Finished: SUCCESS
```