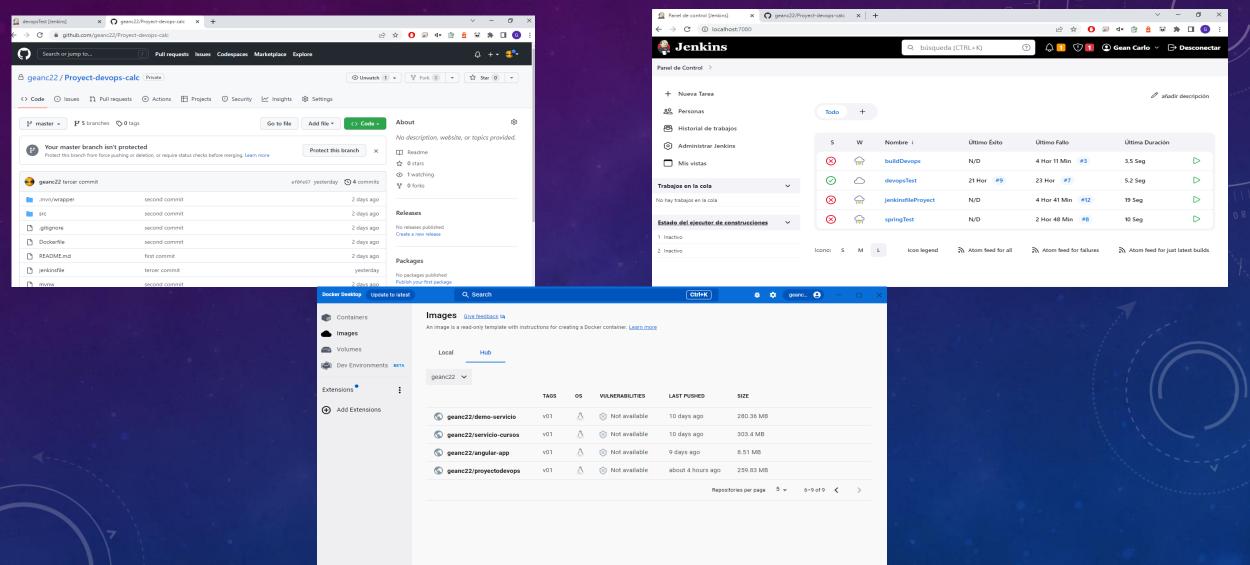


### INSTALACIÓN DE HERRAMIENTAS NECESARIAS PARA: CONTROL DE VERSIONES + JENKINS + DOCKERHUB



## CREACIÓN DE UNA APLICACIÓN QUE SUME 2 NÚMEROS QUE SEA SOLICITADA MEDIANTE UNA PETICIÓN REST

```
oyectoFinalCalc | src | main | java | com | devops | proyecto | controllers | G | CalculadoraController | 🛂 🔻 | S | ProyectoFinalCalcApplication 🔻 | Main | java | com | devops | proyecto | controllers | Git: 🗹 🗸
   ■ Project ▼
                                                                                                                     💿 CalculadoraController,java 🗴 🚜 Dockerfile 🗡 🎁 pom.xml (proyectoFinalCalc) 🗡 🚦 jenkinsfile 🗡 🚜 application.properties
   proyectoFinalCalc C:\Users\Gean C\Documents\Full 1
                                                                                                                                          package com.devops.proyecto.controllers;

★ 12 ^

        > idea
        > III .mvn
                                                                                                                                          jimport org.springframework.web.bind.annotation.GetMapping;

✓ Image: Since the si
                                                                                                                                           import org.springframework.web.bind.annotation.PathVariable;

✓ main

                                                                                                                                           import org.springframework.web.bind.annotation.RestController;

✓ iava

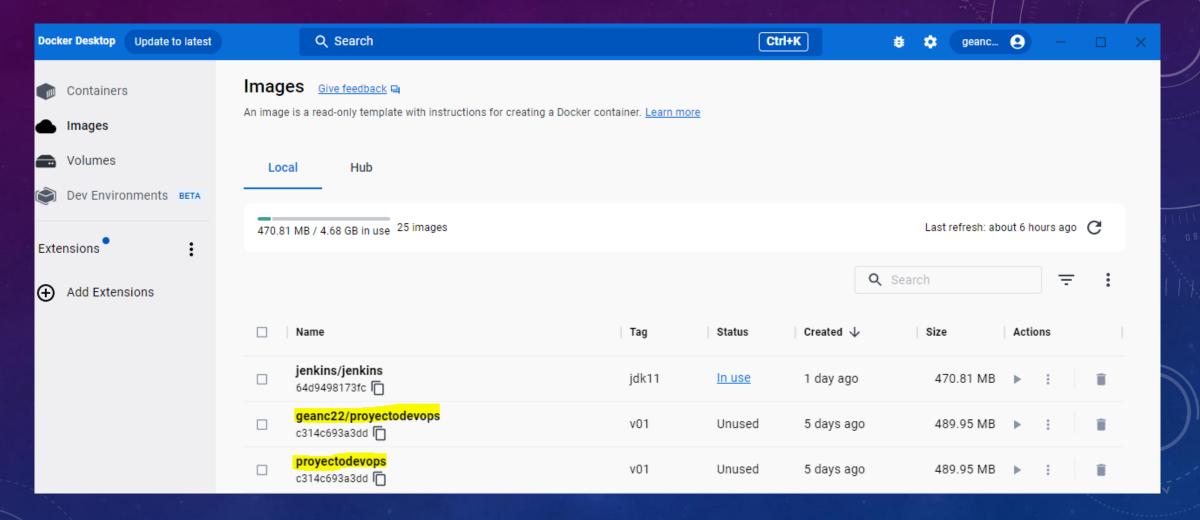
✓ Image: Com.devops.proyecto

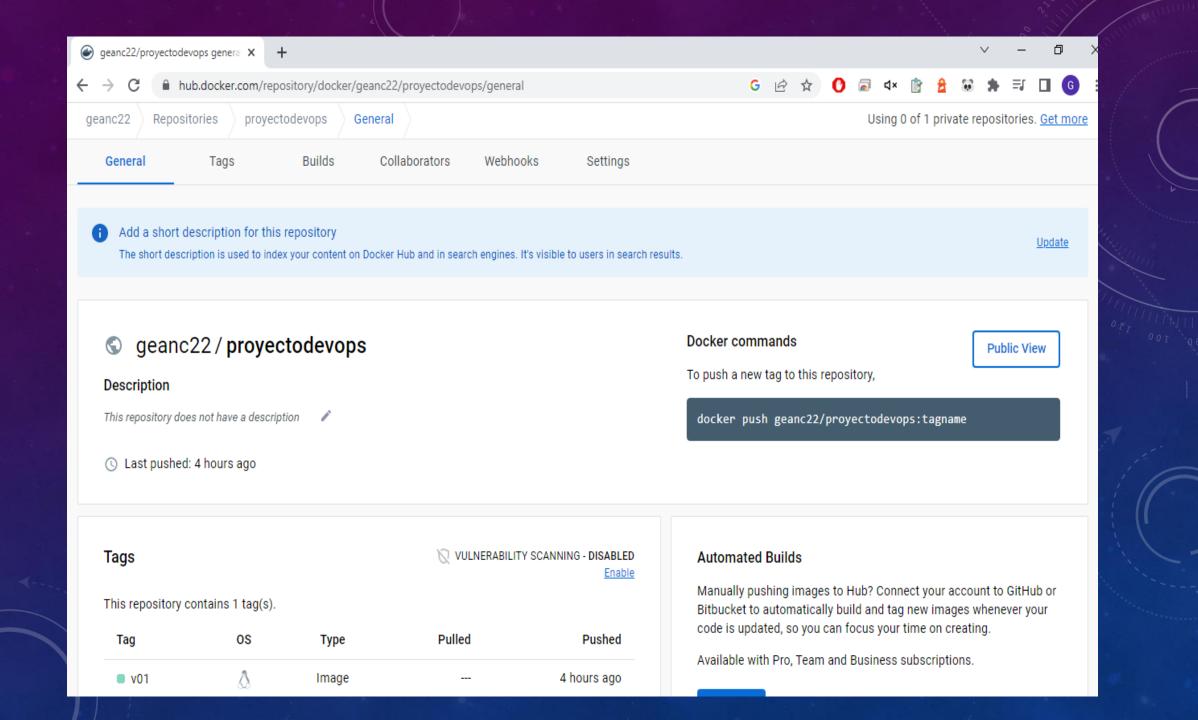
                                 > a controllers
                                                                                                                                             n 🕒 usages 🚨 geanc 22
                                        Representation 6
                                                                                                                                           @RestController

✓ ■ resources

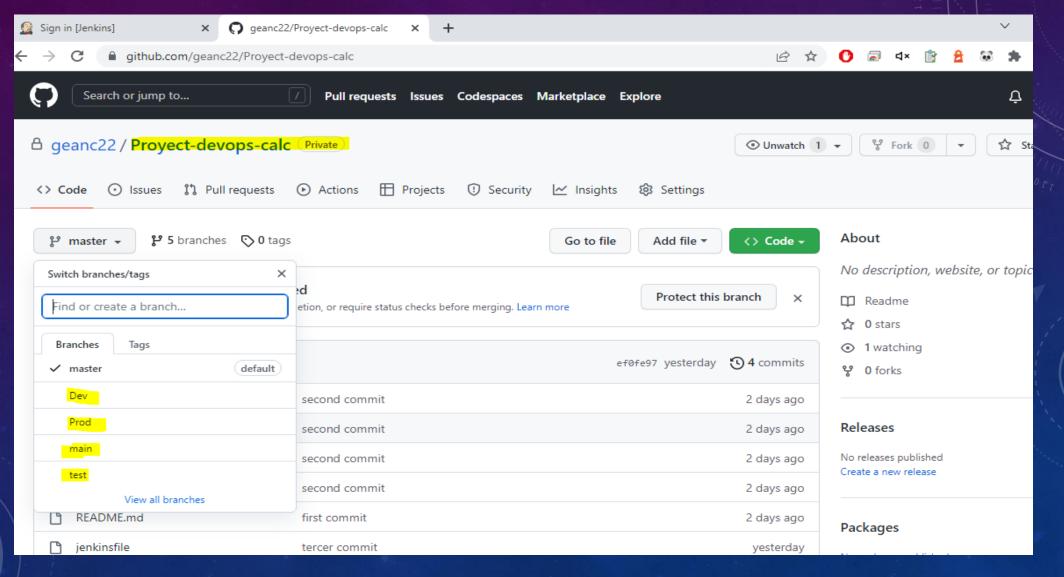
                                                                                                                                           public class CalculadoraController
                                  static
                                 templates
                                 application.properties
              > test
                                                                                                                                                       @GetMapping(value = @▽"/healthcheck", produces = "application/json; charset=utf-8")
                                                                                                                                                      public String getHealthCheck() { return "{ \"todo0k\" : true }"; }
                                                                                                                      13 🗞
               agitignore.
              Dockerfile
              # HELP.md
                                                                                                                                                       @GetMapping(@v"/suma/{a}, {b}")
               f jenkinsfile
                                                                                                                                                       public String getSuma(@PathVariable("a") double num1, @PathVariable("b") double num2 )
               ■ mvnw
               mvnw.cmd
             m pom.xml
                                                                                                                                                                  double suma = num1 + num2;
        III External Libraries
                                                                                                                                                                  return ("La Suma de dos numeros es:"+suma);
       Scratches and Consoles
```

### DOCKERIZAR LA APLICACIÓN

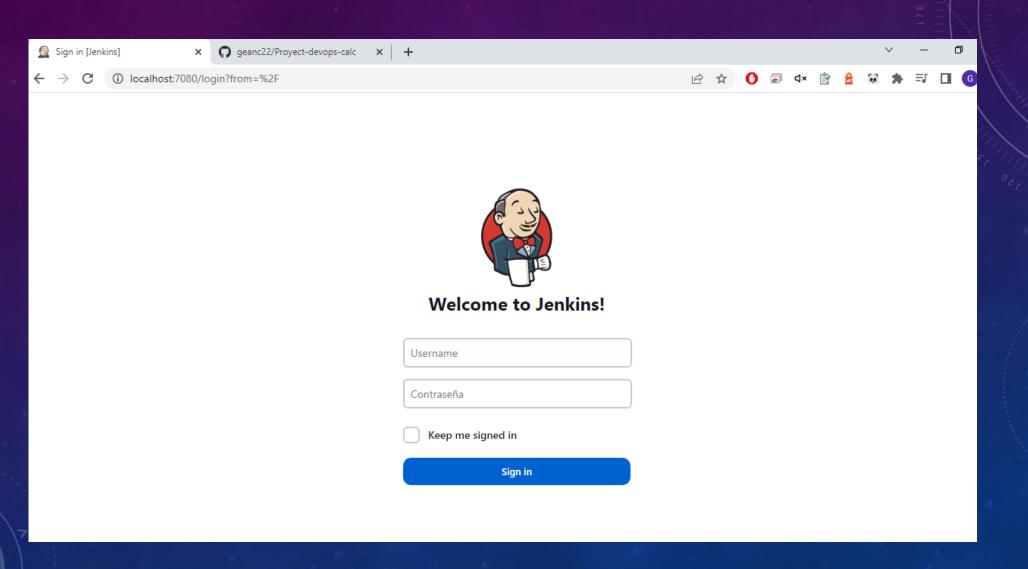


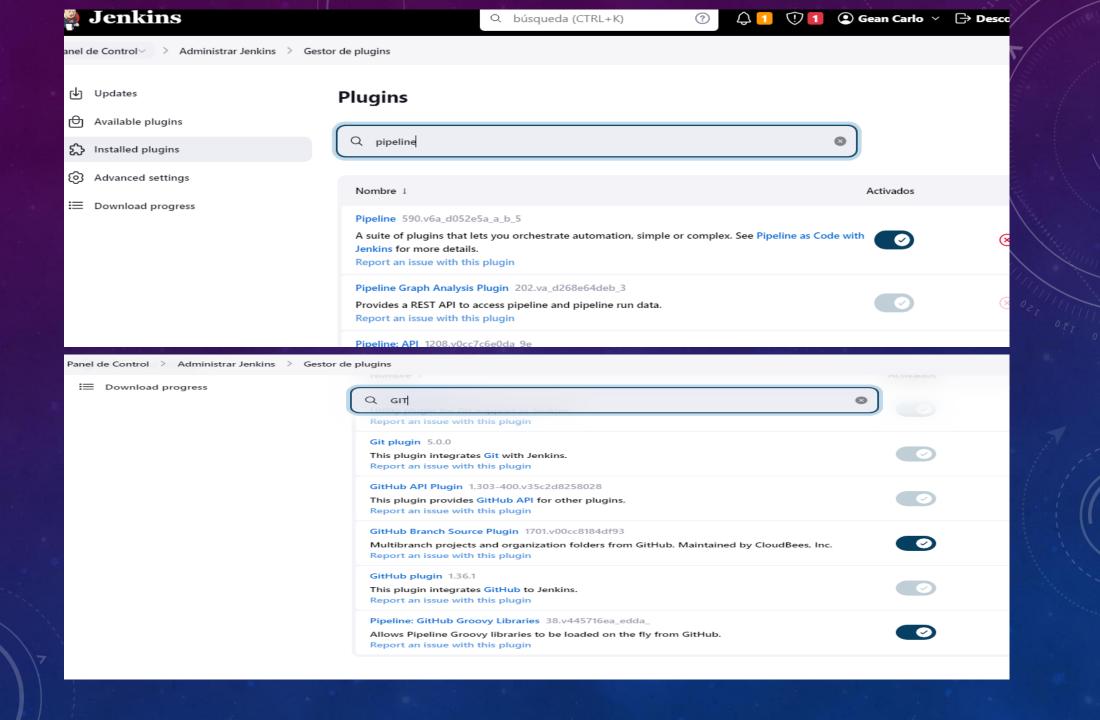


### CONFIGURACIÓN DE BRANCH EN EL CONTROL DE VERSIONES PARA CADA AMBIENTE

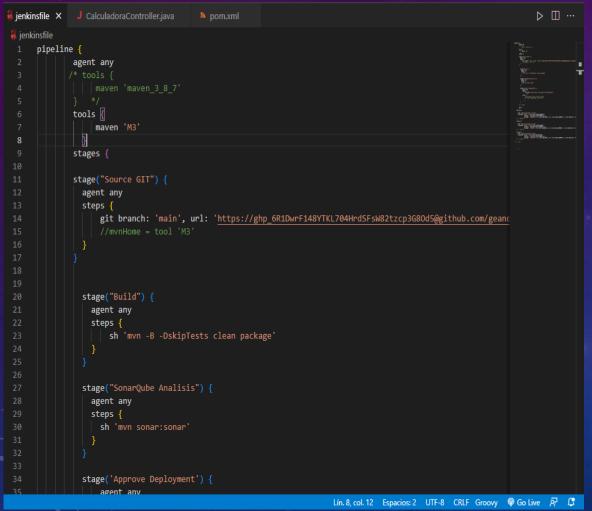


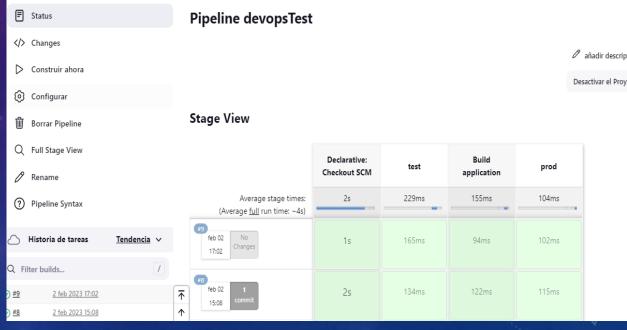
## CONFIGURACIÓN DE PLUGINS, CREDENCIALES Y JOB EN JENKINS PARA CADA AMBIENTE





# CONFIGURACIÓN Y EJECUCIÓN DEL JENKINSFILE PARA EL PROCESO DE CI/CD.

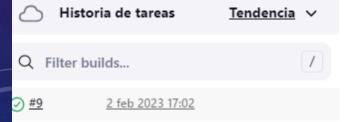






#### Construir ahora

- (c) Configurar
- Borrar Pipeline
- Q Full Stage View
- Rename
- ? Pipeline Syntax



#### Pipeline devopsTest

añadir descripci

Desactivar el Proyec

#### Stage View

	Declarative: Checkout SCM	test	Build application	prod
Average stage times: (Average <u>full</u> run time: ~4s)	2s	229ms	155ms	104ms
feb 02 No Changes	1s	165ms	94ms	102ms
feb 02 1 15:08 commit	2s	134ms	122ms	115ms