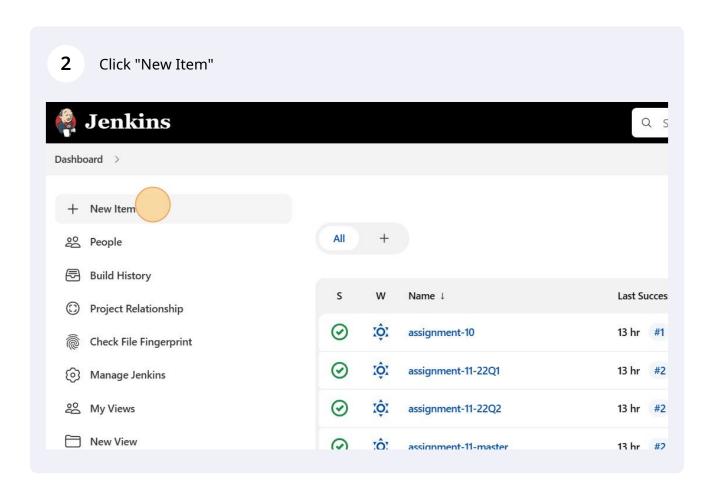
Workflow



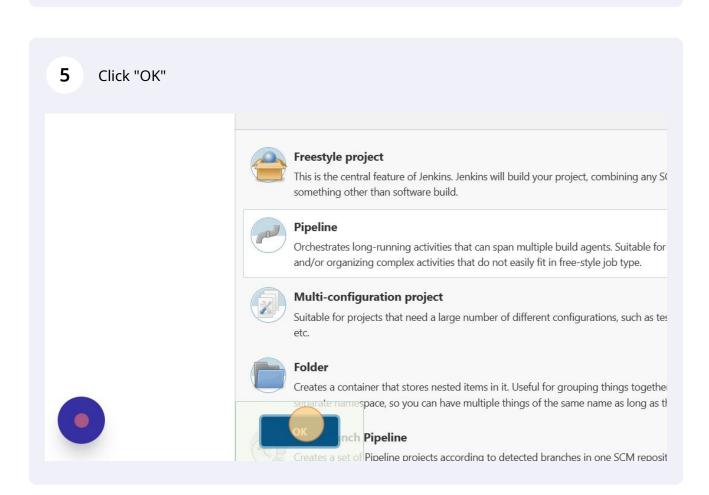
checkout and compile on master and deploy it to slave using Declarative pipeline

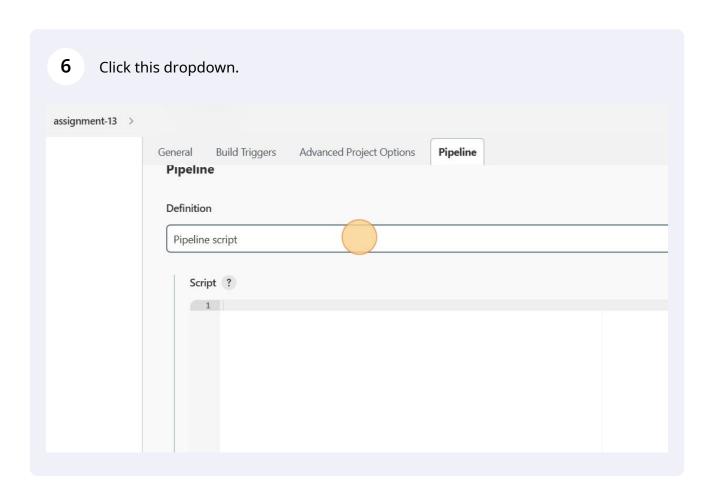
1 Navigate to <u>13.127.190.171:8080/jenkins</u>

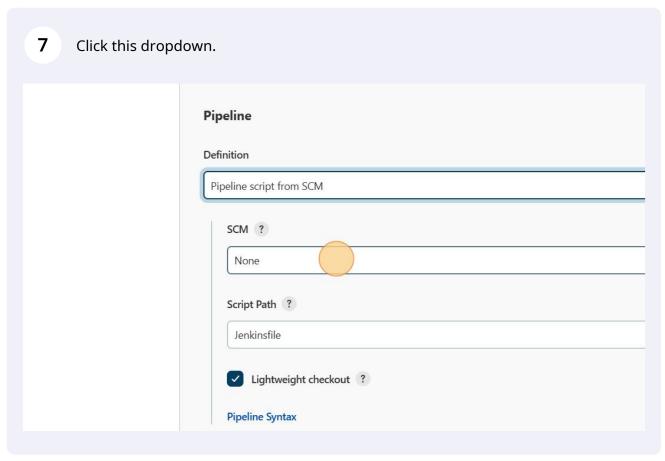


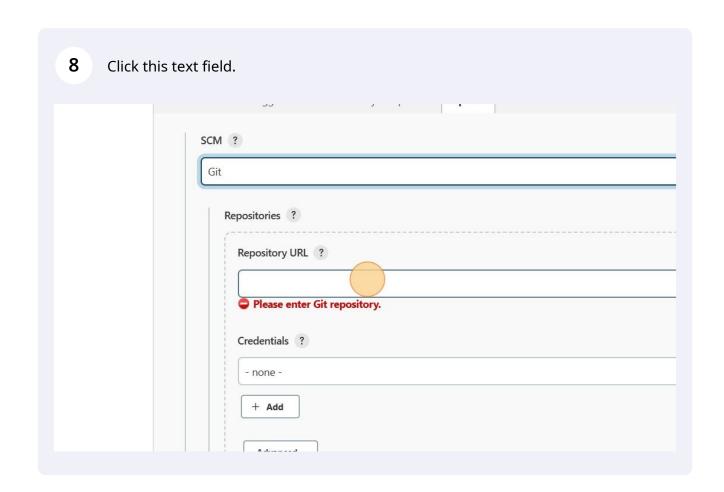
3 Type "as13"

Creates a container that stores nested items in it. Useful for grouping things together. Unlike verbarate namespace, so you can have multiple things of the same name as long as they are in



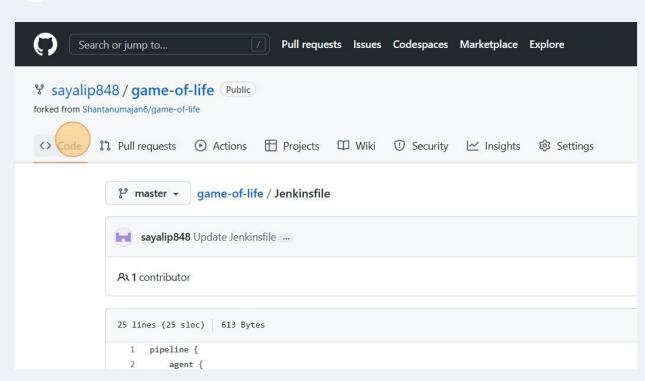




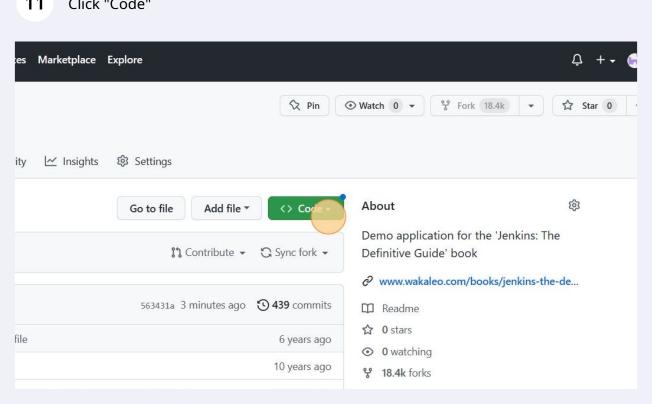


9 Switch to tab "game-of-life/Jenkinsfile at master · sayalip848/game-of-life"

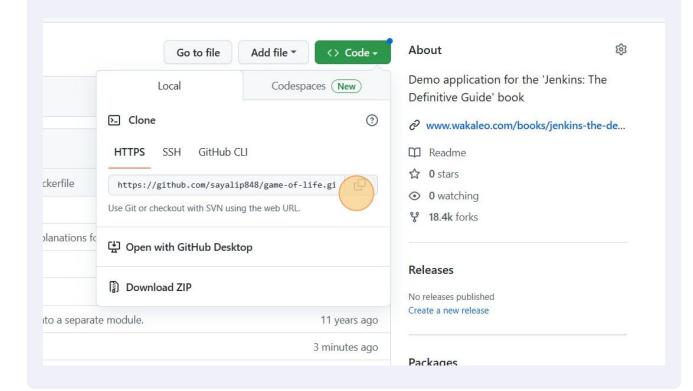
10 Click "Code"



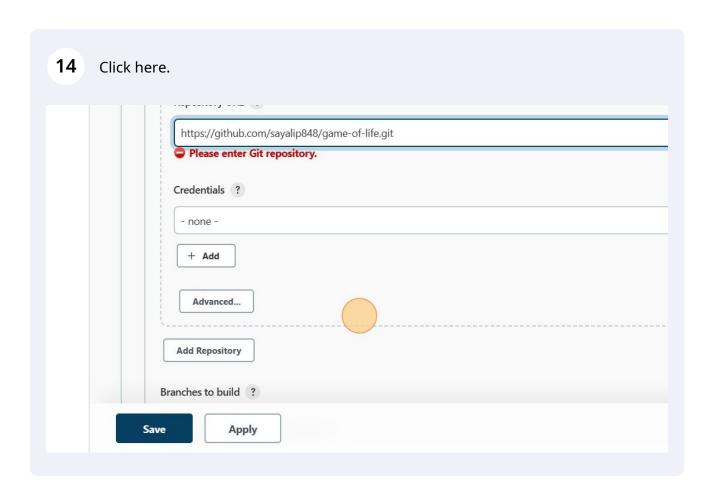
11 Click "Code"

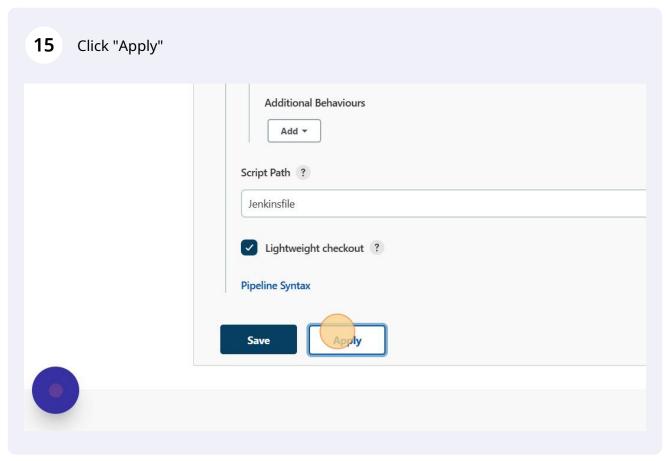


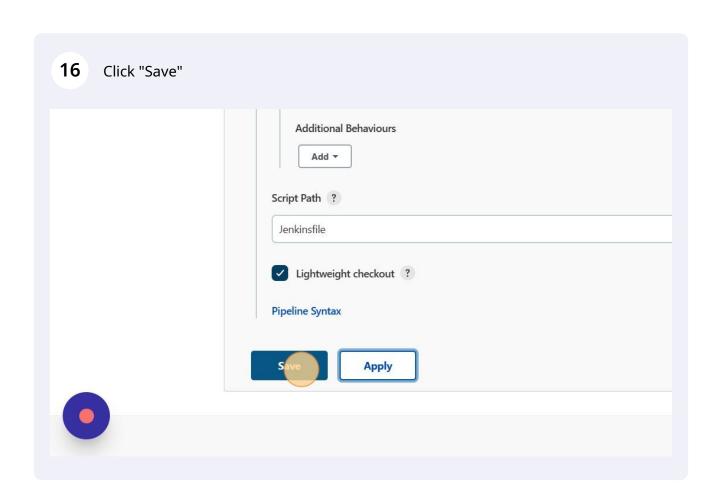
12 Click "Copy to clipboard"

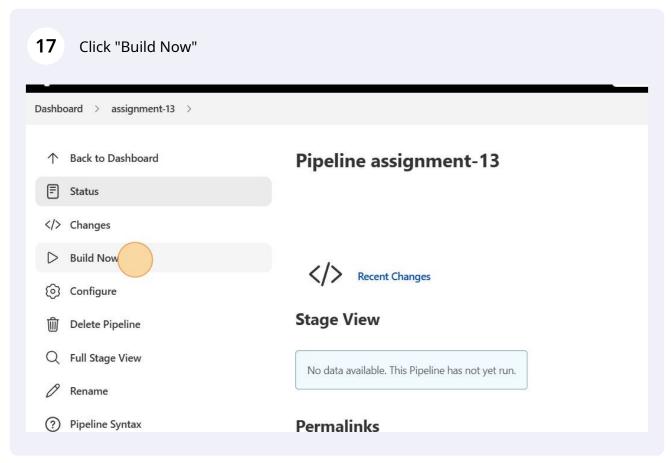


13 Press [[ctrl]] + [[v]]

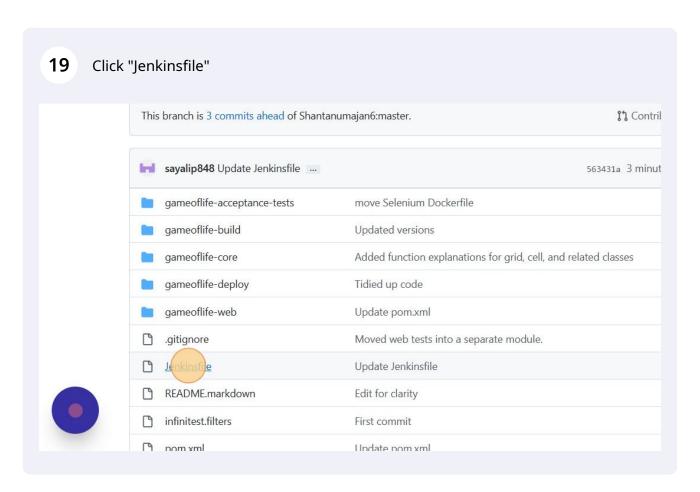








18 Click "Code" Local This branch is 3 commits ahead of Shantanumajan6:master. ∑- Clone sayalip848 Update Jenkinsfile ... **HTTPS** SSH GitHub CLI move Selenium Dockerfile gameoflife-acceptance-tests https://github.com/sayalip848/ Use Git or checkout with SVN using the gameoflife-build Updated versions gameoflife-core Added function explanations for Open with GitHub Desktop gameoflife-deploy Tidied up code Download ZIP gameoflife-web Update pom.xml .gitianore Moved web tests into a separate module. Jenkinsfile Update Jenkinsfile README.markdown Edit for clarity infinitest.filters First commit nom xml Undate nom xml



Navigate to github.com/sayalip848/game-of-life/blob/master/...

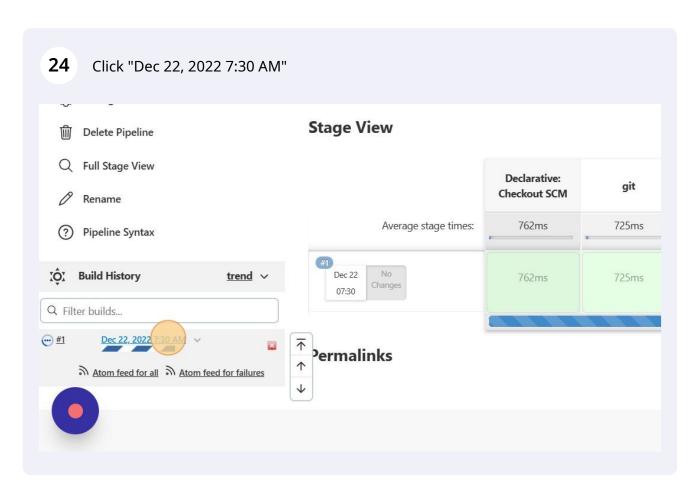
21 Click "customWorkspace '/mnt/project'"

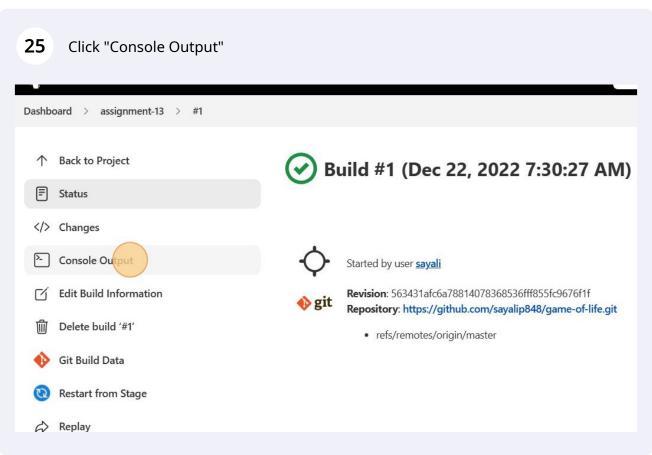
22 Click "label {"

```
XX I CONTUDUTOL
25 lines (25 sloc) 613 Bytes
  1 pipeline {
 2
        agen
          label {
 3
            label 'built-in'
 4
 5
              customWorkspace '/mnt/project'
 6
 7
      }
 8 stages {
       stage ('git') {
 9
 10
              steps {
 11
                  git 'https://github.com/sayalip848/game-of-life.git'
 12
       }
stage ('complie') {
13
             steps {
               sh "mvn clean install"
17 }
18 }
19 stage ('deploy') {
```

23 Click "stages {"

```
25 lines (25 sloc) 613 Bytes
  1 pipeline {
       agent {
          label {
 3
             label 'built-in'
  4
  5
               customWorkspace '/mnt/project'
  6
           }
 7
       }
       stages {
 8
         stage ('git') {
 10
             steps {
                  git 'https://github.com/sayalip848/game-of-life.git'
 13
           }
            stage ('complie') {
 14
 15
               steps {
 16
                 sh "mvn clean install"
 17
 18
           }
 19
           stage ('deploy') {
```





Click "+ mvn clean install 26 [INFO] Scanning for projects... [WARNING] [WARNING] Some problems were encountered while building the effective model Dashboard > assignment-13 > #1 [INFO] gameoflife-build SUCCE [INFO] gameoflife-core SUCCE [INFO] gameoflife-web SUCCE [INFO] -----[INFO] BUILD SUCCESS [INFO] -----[INFO] Total time: 30.466 s [INFO] Finished at: 2022-12-22T07:31:03Z [INFO] ------[Pipenne] } [Pipeline] // stage [Pipeline] stage [Pipeline] { (deploy) [Pipeline] sh + scp -i /root/sample-kp1.pem gameoflife-web/target/gameoflife.wa [Pipeline] } [Pipeline] // stage [Pipeline] }

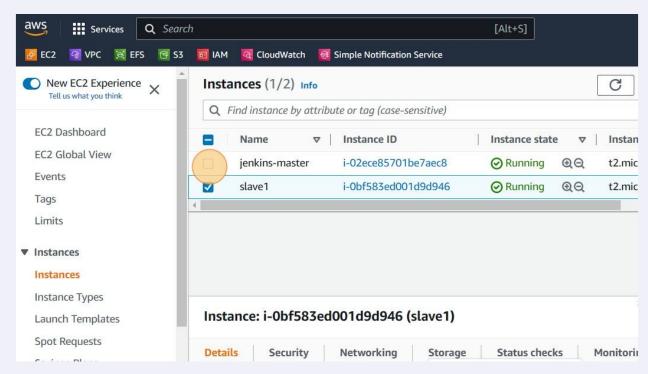
[Pipeline] // withEnv

27 Click "Started by user sayali

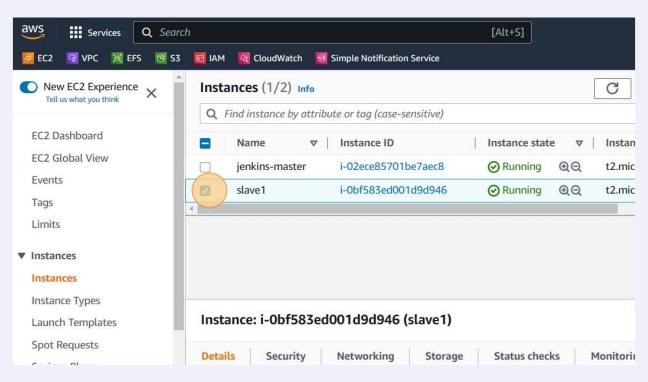
Obtained Jenkinsfile from git <u>github.com/sayalip848/game-of-life.git</u> [Pipeline] Start of Pipeline [Pipeline] nod..."

28 Switch to tab "Instances | EC2 Management Console"

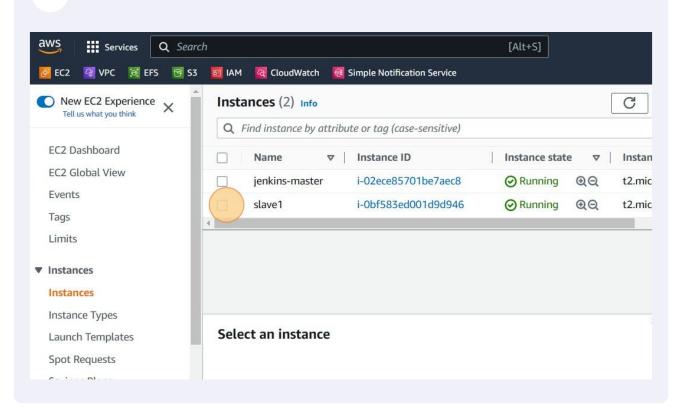
29 Click this checkbox.

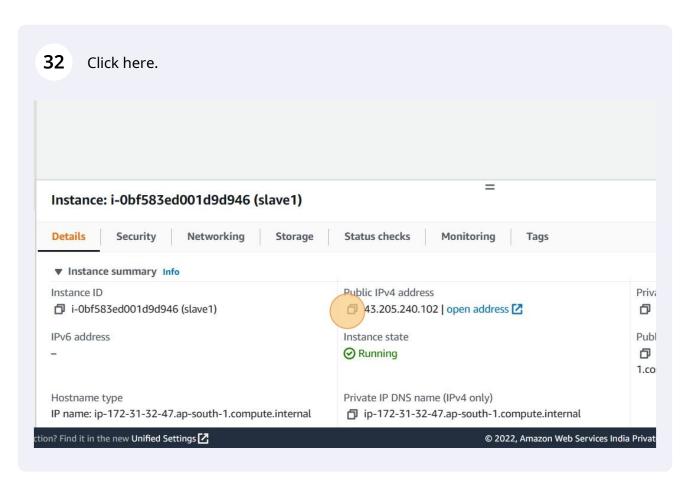


30 Click this checkbox.



Click this checkbox.





33 Switch to tab "New tab"

34 Click "New Game"

This is a really cool web version of Conway's famous Game Of Life. The Game of Life is a cellular automaton devised

The universe of the Game of Life is an infinite two-dimensional orthogonal grid of square cells, each of which is in one are the cells that are directly horizontally, vertically, or diagonally adjacent. At each step in time, the following transition

- o Any live cell with fewer than two live neighbours dies, as if caused by underpopulation.
- Any live cell with more than three live neighbours dies, as if by overcrowding.
- o Any live cell with two or three live neighbours lives on to the next generation.
- o Any dead cell with exactly three live neighbours becomes a live cell.

