

**A3.** Demonstrate the process of integration github repository with Jenkins to automate the project execution in CI/CD pipeline.

### **Git Hub**

Source code

```
print("VVCE")
```

### **Jenkins Configuration**

Required Plugin: git / github

### **SCM**

Git url : <https://github.com/lohithbandla/test>

Branch Specifier: \*/main

### **Build Triggers**

Poll SCM Schedule : \* \* \* \* \*

### **Build Steps**

Execute Windows batch command

Command : python first.py

## Console Output:

The screenshot shows the Jenkins interface for a build named "test1" under job "#2". The "Console Output" tab is selected. The output window displays the following log entries:

```

Started by user admin
Running as SYSTEM
Building in workspace C:\ProgramData\Jenkins\.jenkins\workspace\test1
The recommended git tool is: NONE
No credentials specified
> git.exe rev-parse --resolve-git-dir C:\ProgramData\Jenkins\.jenkins\workspace\test1\.git # timeout=10
Fetching changes from the remote Git repository
> git.exe config remote.origin.url https://github.com/lohitbandla/test # timeout=10
Fetching upstream changes from https://github.com/lohitbandla/test
> git.exe --version # timeout=10
> git --version # 'git version 2.49.0.windows.1'
> git.exe fetch --tags --force --progress -- https://github.com/lohitbandla/test +refs/heads/*:refs/remotes/origin/* #
timeout=10
> git.exe rev-parse "refs/remotes/origin/main^{commit}" # timeout=10
Checking out Revision feea8b5a88050f5c97c770693d445c1ce70bc497 (refs/remotes/origin/main)
> git.exe config core.sparsecheckout # timeout=10
> git.exe checkout -f feea8b5a88050f5c97c770693d445c1ce70bc497 # timeout=10
Commit message: "Create app.py"
> git.exe rev-list --no-walk feea8b5a88050f5c97c770693d445c1ce70bc497 # timeout=10
[test1] $ cmd /c call C:\WINDOWS\TEMP\jenkins6534727231983715842.bat

C:\ProgramData\Jenkins\.jenkins\workspace\test1>python app.py
VVCE

C:\ProgramData\Jenkins\.jenkins\workspace\test1>exit 0
Finished: SUCCESS

```

Configuration	Execution	Viva	Total	Verified By