# GIT

## Create 2 separate branch from master

Text

Description automatically generated

## Make changes in the same function of the source code in both the branches

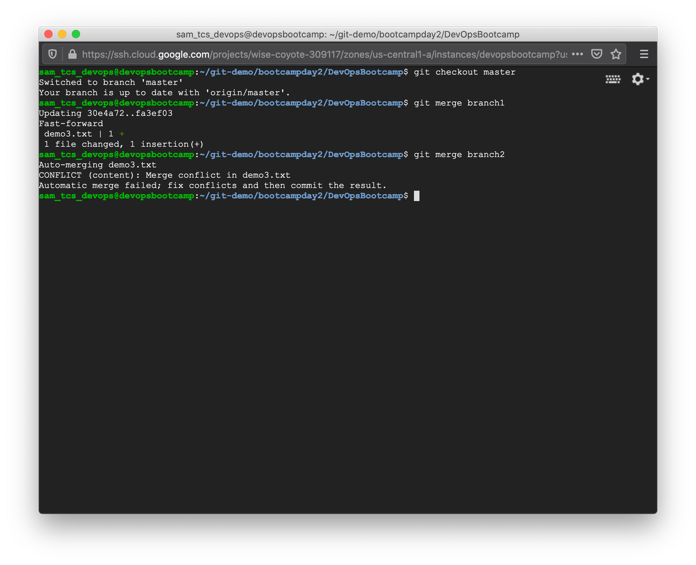
Text

Description automatically generated

Text

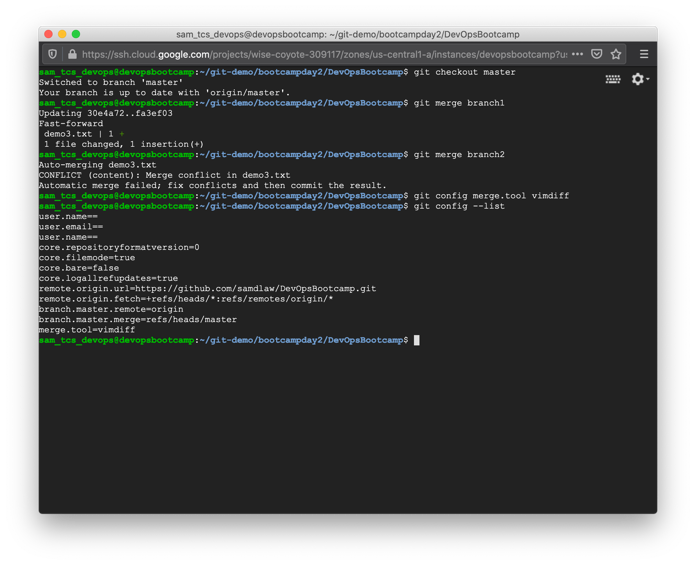
Description automatically generated

## Merge branch1 into the master



## Try and merge branch2 into the master (merge conflict should arise)

## Install a merge tool of your choice and resolve the merge conflict using git merge tool command



Graphical user interface

Description automatically generated

Text

Description automatically generated

Text

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Text

Description automatically generated

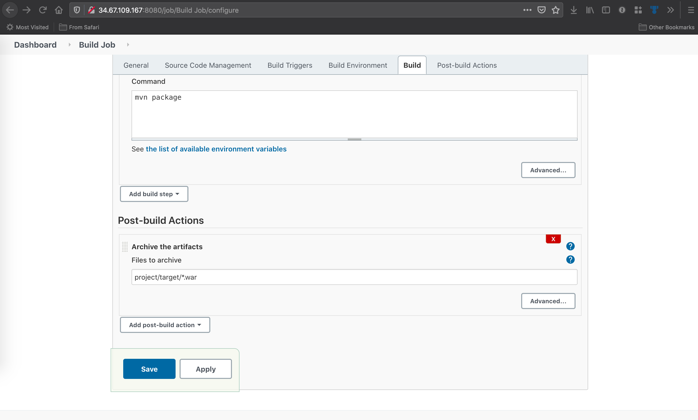
# Jenkins

## Create multiple freestyle project in Jenkins to checkout build, test package and deploy the web application in a tomcat9 server

1. Establish a build pipeline view with appropriate plugin installation
2. Configure maven as a tool in Jenkins environment
3. Attach the screenshot of the console output of each successful execution of the job

Graphical user interface, application

Description automatically generated



Graphical user interface, text, application

Description automatically generated

Graphical user interface, text

Description automatically generated with medium confidence

## Create a pipeline job and write the script to achieve the same tasks. Pipeline must be triggered with a Github webhook upon every commit

A picture containing text, screenshot, monitor

Description automatically generated

