GIT PROJECT SOLUTION

A step-by-step solution to the GIT project.

Step 1: In master branch **(Production branch)** create commit "1"

Step 2: Create HotFix and Integration branches **(git branch)** from the master branch

Step 3: Create commit "2" into Production branch which is the master branch

Step 4: Make commit "1" in HotFix branch

Step 5: Create two feature branches from the Integration branch, namely Feature branch 1 and Feature branch 2

Step 6: Create three commits in Feature branch 2 and merge into Integration branch creating commit "2"

Step 7: Delete Feature branch 2

Step 8: Have three commits in Feature branch 1 and rebase it from commit "2" in Integration branch

Step 9: Merge Integration branch commit "2" into HotFix branch and into Production (master) branch commit "3"

Step 10: Make another commit in Feature branch 1 and merge into Integration branch creating commit "3" and merge into HotFix ("3") and Production ("4")

Step 11: Delete Feature branch 1

Step 12: Create a commit on HotFix branch ("4") and merge that into both Integration ("4") and Production branches ("5")