1. Verify if master is in clean state.

A black screen with white text

AI-generated content may be incorrect.

1. Create a branch **“GitWork”.** Add a file “hello.xml”.

A screenshot of a computer screen

AI-generated content may be incorrect.

1. Update the content of “hello.xml” and observe the status

A screen shot of a computer program

AI-generated content may be incorrect.

1. Commit the changes to reflect in the branch

A screenshot of a computer screen

AI-generated content may be incorrect.

1. Switch to master.

A black screen with white text

AI-generated content may be incorrect.

1. Add a file **“hello.xml”** to the master and add some different content than previous.

A computer screen with text

AI-generated content may be incorrect.

1. Commit the changes to the master

A screen shot of a computer

AI-generated content may be incorrect.

1. Observe the log by executing **“git log –oneline –graph –decorate –all”**

**A screenshot of a computer screen

AI-generated content may be incorrect.**

1. Check the differences with Git diff tool

**A computer screen shot of text

AI-generated content may be incorrect.**

1. For better visualization, use P4Merge tool to list out all the differences between master and branch

**A black screen with white text

AI-generated content may be incorrect.**

**A screenshot of a computer

AI-generated content may be incorrect.**

1. Merge the bran to the master

**A screenshot of a computer

AI-generated content may be incorrect.**

1. Observe the git mark up.

**A screen shot of a computer

AI-generated content may be incorrect.**

1. Use 3-way merge tool to resolve the conflict

**A computer screen with white text

AI-generated content may be incorrect.** **A screen shot of a computer

AI-generated content may be incorrect.**

1. Commit the changes to the master, once done with conflict

**A screen shot of a computer program

AI-generated content may be incorrect.**

1. Observe the git status and add backup file to the .gitignore file.

**A screenshot of a computer program

AI-generated content may be incorrect.**

1. Commit the changes to the .gitignore

**A screenshot of a computer program

AI-generated content may be incorrect.**

1. List out all the available branches

**A black screen with colorful text

AI-generated content may be incorrect.**

1. Delete the branch, which merge to master.

****

1. Observe the log by executing **“git log –oneline –graph –decorate”**

A screenshot of a computer screen

AI-generated content may be incorrect.