**Assignment1**

**git init**

Text

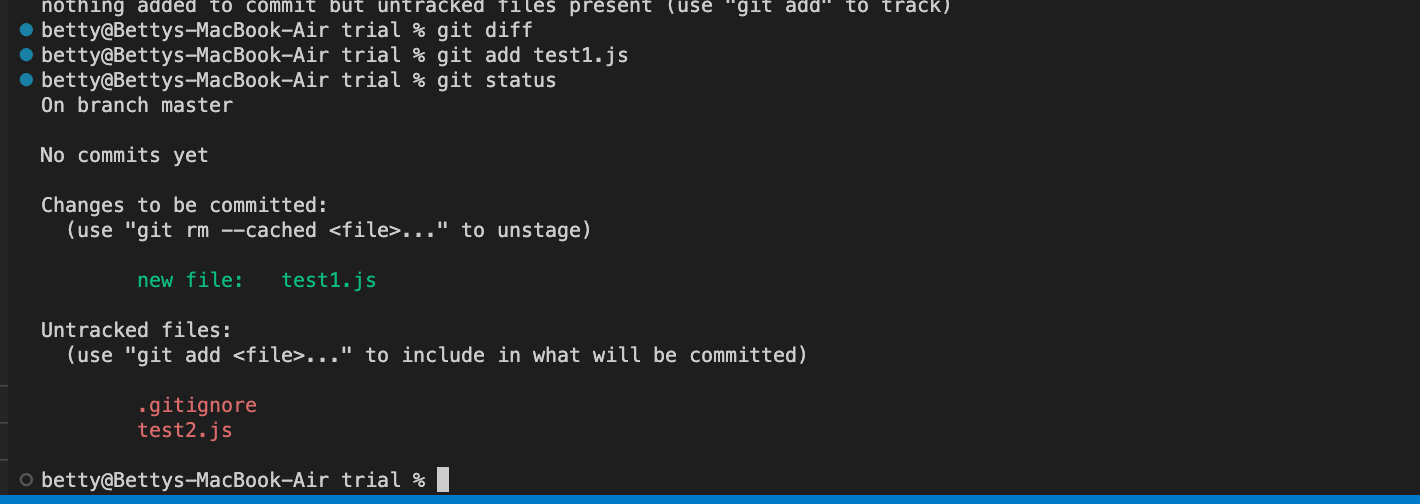
Description automatically generated

**git status and .gitignore**

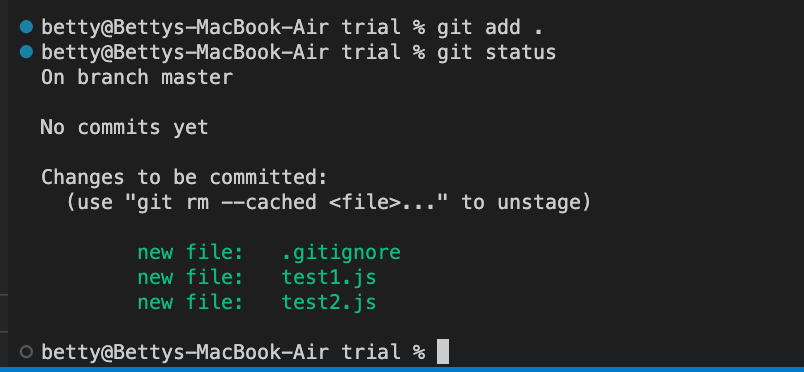
Text

Description automatically generated

**git add**



**“git add** .” : adding all files to staging area



**git diff**

Text

Description automatically generated

**git commit -m**

Text

Description automatically generated

**git commit –amend :** changes the last commit message

Text

Description automatically generated

**git log**

Text

Description automatically generated

**git config alias status**

Text

Description automatically generated

**git tag**

**Graphical user interface, text

Description automatically generated**

**git branch**

**Text

Description automatically generated**

**git checkout**

**Text

Description automatically generated**

**git merge**

**Text

Description automatically generated**

**git merge:** with conflict

**Graphical user interface, text, application

Description automatically generated**

**merge conflict**

**Graphical user interface

Description automatically generated**

**fixing the merge**

**Text

Description automatically generated**

**git branch -d**

**Text

Description automatically generated**

**git revert**

**Text

Description automatically generated**

**git reset**

**Text

Description automatically generated**

**Practice with all the remote repository commands from the slides:**

**git clone**

**Text

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**git remote:** gets the remote’s name

**Text

Description automatically generated**

**git push:** pusheslocal updates to remote repository

**Text

Description automatically generated**

**git pull:** pulls remote updates to local repository

**Text

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**git fetch**

**Text

Description automatically generated**

**Practice with all the third-party repositories commands from the slides:**

**git clone** from third party repository

**Text

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**new topic branch and checkout your new branch**

**Text

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**Merge new branch with the main branch**

**Text

Description automatically generated**

**Push changes to the remote repo**

**Text

Description automatically generated**

**Create a new Pull Request to the upstream repo**

**Graphical user interface, text, application, email

Description automatically generated**

**the upstream side receives a pull request**

**Text

Description automatically generated**