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C:\CS372\CS372Lab.Pate>git status
On branch main
Your branch is ahead of 'origin/main' by 1 commit.
  (use "git push" to publish your local commits)

nothing to commit, working tree clean

C:\CS372\CS372Lab.Pate>git reset --hard origin/main
HEAD is now at b761999 First commit with startercode

C:\CS372\CS372Lab.Pate>

```

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status
C:\CS372\CS372Lab.Pate>git status
On branch main
Your branch is up to date with 'origin/main'.

Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   include/README.md

no changes added to commit (use "git add" and/or "git commit -a")

C:\CS372\CS372Lab.Pate>git stash
Saved working directory and index state WIP on main: b761999 First commit with startercode

C:\CS372\CS372Lab.Pate>git log -all --oneline
error: switch `l' expects a numerical value

C:\CS372\CS372Lab.Pate>git log --all --oneline
7a48758 (refs/stash) WIP on main: b761999 First commit with startercode
4ffc191 index on main: b761999 First commit with startercode
b761999 (HEAD -> main, origin/main) First commit with startercode

C:\CS372\CS372Lab.Pate>git stash pop
On branch main
Your branch is up to date with 'origin/main'.

Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   include/README.md

no changes added to commit (use "git add" and/or "git commit -a")
Dropped refs/stash@{0} (7a4875821148c0c400695b10e38ff03dbc3d5274)

```

This could be useful when you make changes to a branch, but you need to switch to another branch to work. You can always stash the changes so you do not have to make a commit, then come back and pop it out so you can complete your work and commit.