**Steps:**

1. Create a new directory and navigate into it: mkdir GitHansOn2 and cd GitHansOn2
2. Initialize a new Git repository: git init
3. Create a test file debug.log and a folder log with a file inside:

• echo "This is a test log file" > debug.log

• mkdir log

• echo "This is inside log folder" > log/test.txt

1. Create and open .gitignore file: touch .gitignore and edit to add rules to ignore debug.log and log/ folder
2. Stage and commit the .gitignore:

• git add .gitignore

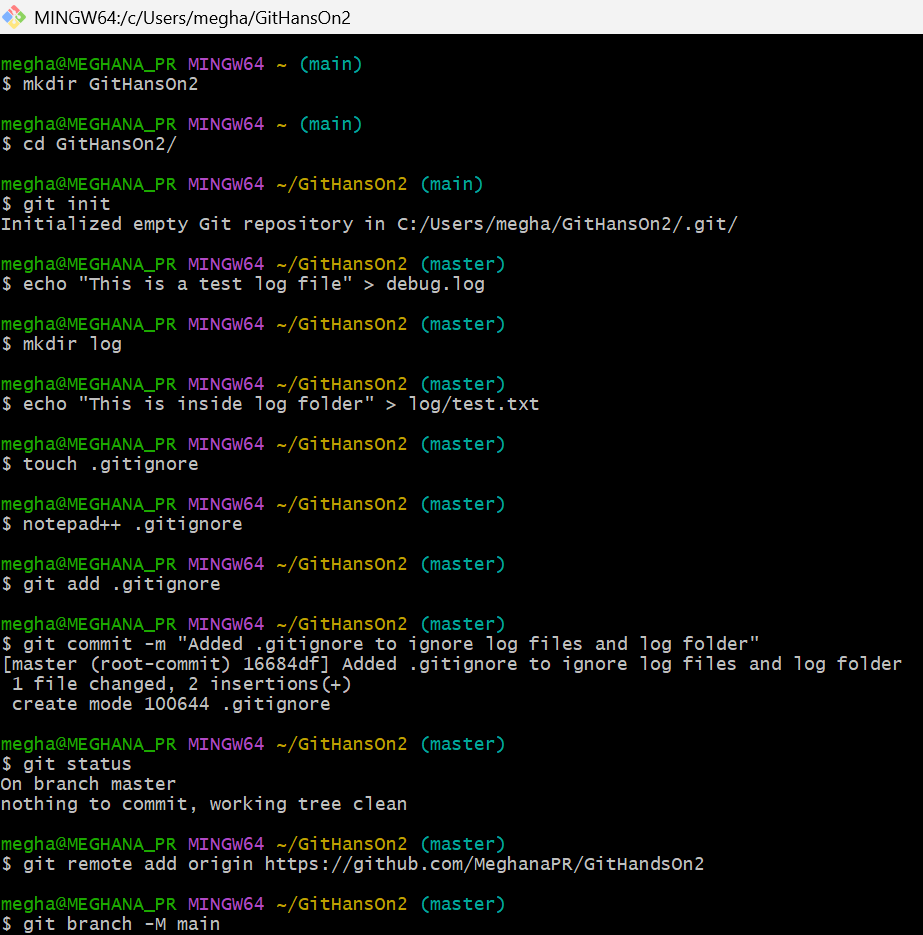
• git commit -m "Added .gitignore to ignore log files and log folder"

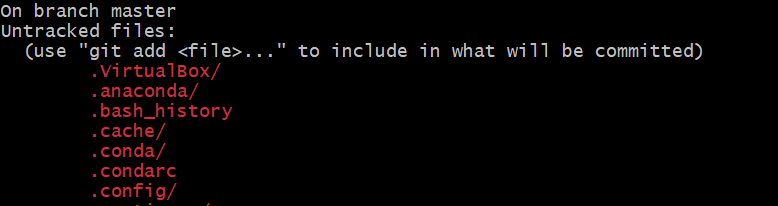
1. Add the remote GitHub repository:

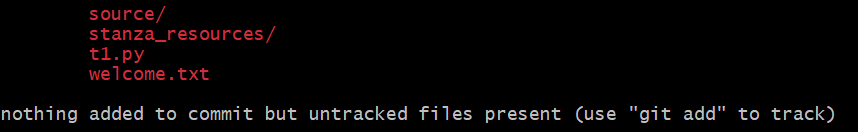
git remote add origin https://github.com/MeghanaPR/GitHandsOn2

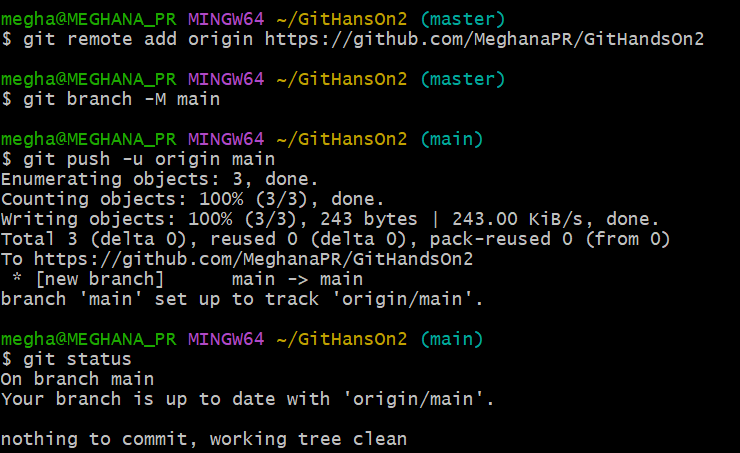
1. Rename the default branch from master to main: git branch -M main
2. Push the commits to the remote repository and set upstream:  
   git push -u origin main
3. Verify status: git status

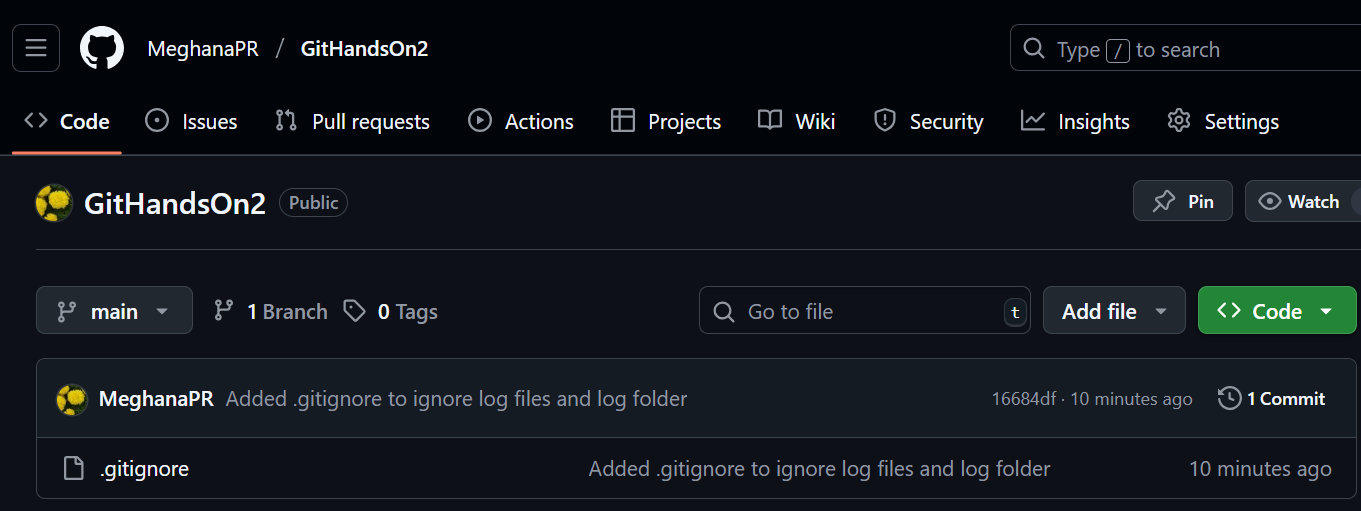
**Output:**

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