**Exercise 1 : GIT-HOL**

# Step 1: Setup Git Configuration

1. Open Git Bash and check if Git is installed:  
 Command: git –version

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2. Configure Git with your username and email:  
 Command: git config --global user.name "Sneha0317"  
 Command: git config --global user.email [snehapapineni1@gmail.com](mailto:snehapapineni1@gmail.com)

A screenshot of a computer

AI-generated content may be incorrect.

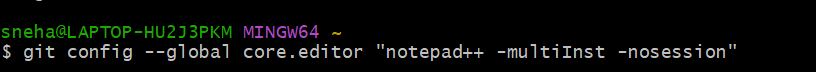
3. Verify the configuration:  
 Command: git config --global –list

A screen shot of a computer code

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# Step 2: Set Notepad as Git Default Editor

1. In Git Bash, set Notepad as the default editor:  
 Command: git config --global core.editor "notepad"

  
2. Test if it's set correctly:  
 Command: git config --global –edit

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# Step 3: Create Local Git Repository

1. Create a project folder and initialize Git:  
 Command: mkdir GitDemo  
 Command: cd GitDemo  
 Command: git init

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2. Verify Git initialization:  
 Command: ls -a  
  
A screen shot of a computer code

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# Step 4: Create and Add a File

1. Create a file named welcome.txt:  
 Command: echo "Welcome to Git Hands-on Lab!" > welcome.txt

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2. Verify file creation:  
 Command: ls  
 Command: cat welcome.txt

A black screen with colorful text

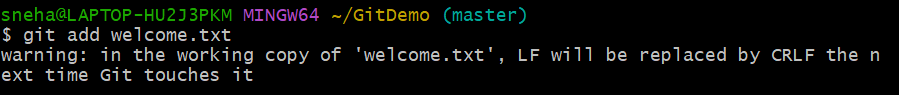
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3. Check Git status:  
 Command: git status

A screen shot of a computer

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4. Stage the file:  
 Command: git add welcome.txt

  
  
5. Commit the file:  
 Command: git commit  
 (Write commit message in Notepad, save and close)

A screenshot of a computer screen

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6. Check status again:  
 Command: git status  
  
A black screen with white text

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# Step 5: Connect to Remote Repository (GitLab)

1. Login to GitLab and create a new project named GitDemo.  
  
2. Link the remote repository:  
 Command: git remote add origin [https://gitlab.com/Sneha0317-group/GitDemo](https://gitlab.com/Sneha0317-group/GitDemot)



4. Push your local commit:  
 Command: git push -u origin master

