# Python Practice - Session 3

1. Create a local folder and initialize it for git;
   1. git clone <https://github.com/prasanthyedithe/PythonPractice.git>
   2. mkdir PythonPracticeSession3
   3. Text

      Description automatically generatedgit init
2. Create a text file in the folder and commit it;
   1. Create a text file PythonPracticeSession3.txt
   2. git add PythonPracticeSession3.txt
   3. A screenshot of a computer

      Description automatically generated with medium confidencegit commit -m "Added a Text File"
3. Create a remote repository on GitHub;
   1. Creates a remote repository. Log in to GitHub, then click on the icon in the top right corner to create a new repository called: [prasanthyedithe](https://github.com/prasanthyedithe)/[PythonPractice](https://github.com/prasanthyedithe/PythonPractice)
   2. Connect local to remote repository. Now we connect the two repositories.
   3. SSH Background and Setup.
   4. Push local changes to a remote.

Graphical user interface, text, application, email

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1. Push the local repository to GitHub;
   1. After creating Folder in the repository PythonPracticeSession3
   2. echo "# PythonPractice" >> README.md
   3. git init
   4. git add README.md
   5. git commit -m "first commit"
   6. git branch -M main
   7. git remote add origin https://github.com/prasanthyedithe/PythonPractice.git
   8. git push -u origin main
   9. **or push an existing repository from the command line**
   10. git remote add origin https://github.com/prasanthyedithe/PythonPractice.git
   11. git branch -M main
   12. git push -u origin main
2. Create a new branch (develop) and switch to it;

Text

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1. Create a new branch from 'develop' and switch to it;

Text

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1. Add the first line in the text file, commit, and push to remote;

Text

Description automatically generated

Graphical user interface, text

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Graphical user interface, text, application, email

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1. Clone your repository from GitHub into a separate folder; **-Created**

Text

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9. Create another branch from 'develop' and switch to it using cloned project;

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10. Add the first line of the text file (different from the first branch),

commit, and push on remote;

Text

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11. Switch to develop;

Text

Description automatically generated

12 Merge the first branch and push changes;

Text

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13. Merge the second branch and push changes;

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14. Resolve conflict;

Text

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16. Commit and push a separate text file with a list of all the commands, which were used to solve the problem;