

https://www.atlassian.com/git/tutorials/comparing-workflows		
1. git clone with HTTPS (from the master branch) 2. Work on it locally 3. git push origin master (or in Android Studio go to VCS->Commit Changes)		
Git task	Notes	Git commands
Tell Git who you are	<u>Configure the author name and email address to be used with your commits. Note that Git strips some characters (for example trailing periods) from user.name.</u>	git config --global user.name "Sam Smith" git config --global user.email sam@example.com
Create a new local repository		git init
Check out a repository	Create a working copy of a local repository: For a remote server, use:	git clone /path/to/repository git clone username@host:/path/to/repository
Add files	Add one or more files to staging (index):	git add <filename> git add *
Commit	Commit changes to head (but not yet to the remote repository):	git commit -m "Commit message"
	Commit any files you've added with git add, and also commit any files you've changed since then:	git commit -a
Push	Send changes to the master branch of your remote repository:	git push origin master
Status	List the files you've changed and those you still need to add or commit:	git status
Connect to a remote repository	If you haven't connected your local repository to a remote server, add the server to be able to push to it:	git remote add origin <server>
	List all currently configured remote repositories:	git remote -v
Branches	Create a new branch and switch to it:	git checkout -b <branchname>
	Switch from one branch to another:	git checkout <branchname>
	List all the branches in your repo, and also tell you what branch you're currently in:	git branch
	Delete the feature branch:	git branch -d <branchname>
	Push the branch to your remote repository, so others can use it:	git push origin <branchname>
	Push all branches to your remote repository:	git push --all origin
	Delete a branch on your remote repository:	git push origin :<branchname>
Update from the remote repository	Fetch and merge changes on the remote server to your working directory:	git pull
	To merge a different branch into your active branch:	git merge <branchname>
	View all the merge conflicts: View the conflicts against the base file: Preview changes, before merging:	git diff git diff --base <filename> git diff <sourcebranch> <targetbranch>

	After you have manually resolved any conflicts, you mark the changed file:	git add <filename>
Tags	You can use tagging to mark a significant changeset, such as a release:	git tag 1.0.0 <commitID>
	CommitID is the leading characters of the changeset ID, up to 10, but must be unique. Get the ID using:	git log
	Push all tags to remote repository:	git push --tags origin
Undo local changes	If you mess up, you can replace the changes in your working tree with the last content in head: Changes already added to the index, as well as new files, will be kept.	git checkout -- <filename>
	Instead, to drop all your local changes and commits, fetch the latest history from the server and point your local master branch at it, do this:	git fetch origin git reset --hard origin/master
Search	Search the working directory for foo():	git grep "foo()"