

\*\*\*\*\*Git  
Instructions\*\*\*\*\*

### 1.Config Settings for Current User:

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```
git config --global --add user.name "Sanaz Ranjpour"
```

```
git config --global --add user.email "Saranjpour@gmail.com"
```

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### 2.Create File in Repository

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```
touch fileName.type
```

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### 3. Last Modification

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```
git diff Head
```

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### 4. Bfore Commit Seeing the Stage Modifications

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```
git diff --staged
```

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## 5. Unstage Something

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```
git reset <fileName.type>
```

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## 6. Return to Previous State: Return to Last Commit

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```
git checkout -- page3.html
```

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## 7. Create Branch and Go to it and ...

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First: `git branch <new-branch-name>`

`git checkout <new-branch-name>`

or

`git checkout -b <new-branch-name>`

Second: `git checkout master`

Third: `git merge <new-branch-name>`

Finally(delete branch): `git branch -d <new-branch-name>`

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## 8. Remove a File

```
git rm <file-name>
```

## 9. Seeing inside of Something

```
cat <file-name>
```

## 10. Clone a Project to our Git

```
git clone url
```

## 11. Open a File with Vi Editor

```
vi README.md
```

## 12. Working in vi

```
Esc ----> Command mode
```

Esc ----> Insert mode

Reject modifications and Quit-----> : q!

Save Modifications and Quit -----> : x or : wq

If we do not change any modification and want to quit -----> : q

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### 13. Push

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git push origin master

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### 14. Pull

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git pull origin master

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### 15. Remote

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1. git remote
2. git remote -v
3. git remote add origin https://...
4. git push -u origin master

5. git pull -u origin master

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## 16. Tag

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1. Show All Tags -----> git tag

2. Tag to Last Commit -----> git tag -a v1.0

3. Tag to Last Commit with a Message -----> git tag -a v2.0 -m ""

4. Tag to a specific commit -----> git tag -a v1.3 d203145263

5. All Tags Start with "v" -----> git tag -l "v"

6. Show Tag's Information -----> git show v1.3

7. Push Tag -----> git push origin v1.3

8. Push all Tags -----> git push origin --tags

9. Checkout Tag -----> git checkout v1.3

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## 17. Show a commit

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git show d23154120

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## 18. Clean All Tracked Files

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```
git clean -df
```

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