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| **git init** | To create a **new empty repo** even if the Dir contains files/folder  **.git: Hidden Folder** which is **repo.** Git has its own **file system. NEVER change file in .git** |
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| **Low Level Git Commands** | |
| **git hash-object** | To create **just git BLOB object**. **Example: All the followings are same echo "Hello, Git" | git hash-object –stdin -w echo ‘Hello, Git’ | git hash-object –stdin -w echo Hello, Git | git hash-object –stdin -w** output: **b7**aec520dec0a7516c18eb4c68b64ae1eb9b5a5e **= Hash Code = Folder Name + File Name**  **b7: Folder Name,**  aec520dec0a7516c18eb4c68b64ae1eb9b5a5e: Blob (file) name in the above Dir. **git hash-object -w ../file.txt🡸 Creating blob based on file.** |
| **git cat-file**  **git cat-file -p <hash> git cat-file -s <hash> git cat-file -t <hash>** | **To read any git object.** |
| **Contents of the object.** |
| **Size of the object.** |
| **Type of the object.** |
| **git mktree** | To create **git tree.** |

Linux/Windows Commands

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| **Linux:** **ls -la** | **ls**: listing files/folders & **-l**: long info about them & **-a**: To display hidden files/folder. |
| **Win**: **start/explorer .** |  |
| **Win: echo -n ‘text’** | **-n**: To remove line break which is by default. |
| **CTRL + A** | To go to the beginning of the line in CMD. |
| **-e** | To escape null character (\0). |