Git Befehle

1. Status abrufen mit git status

```
C:\Users\maxi2\OneDrive\Desktop\Schule\CPR\Software\CPRSW\firstRepo>git status
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        firstFile.txt

nothing added to commit but untracked files present (use "git add" to track)

C:\Users\maxi2\OneDrive\Desktop\Schule\CPR\Software\CPRSW\firstRepo>git add --all

C:\Users\maxi2\OneDrive\Desktop\Schule\CPR\Software\CPRSW\firstRepo>git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   firstFile.txt


C:\Users\maxi2\OneDrive\Desktop\Schule\CPR\Software\CPRSW\firstRepo>
```

2. Datei adden

```
C:\Users\maxi2\OneDrive\Desktop\Schule\CPR\Software\CPRSW\firstRepo>git status
On branch master
nothing to commit, working tree clean

C:\Users\maxi2\OneDrive\Desktop\Schule\CPR\Software\CPRSW\firstRepo>git status
On branch master
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   firstFile.txt

no changes added to commit (use "git add" and/or "git commit -a")

C:\Users\maxi2\OneDrive\Desktop\Schule\CPR\Software\CPRSW\firstRepo>git add firstFile.txt

C:\Users\maxi2\OneDrive\Desktop\Schule\CPR\Software\CPRSW\firstRepo>git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   firstFile.txt


C:\Users\maxi2\OneDrive\Desktop\Schule\CPR\Software\CPRSW\firstRepo>
```

3. Datei Commiten

```
C:\Users\maxi2\OneDrive\Desktop\Schule\CPR\Software\CPRSW\firstRepo>git commit -m "first file added"
[master 5e8dfae] first file added
 1 file changed, 1 insertion(+), 1 deletion(-)

C:\Users\maxi2\OneDrive\Desktop\Schule\CPR\Software\CPRSW\firstRepo>git status
On branch master
nothing to commit, working tree clean

C:\Users\maxi2\OneDrive\Desktop\Schule\CPR\Software\CPRSW\firstRepo>
```

4. Dateien Löschen

```
C:\Users\maxi2\OneDrive\Desktop\Schule\CPR\Software\CPRSW\firstRepo>git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        delFile.txt
        delFile2.txt

nothing added to commit but untracked files present (use "git add" to track)

C:\Users\maxi2\OneDrive\Desktop\Schule\CPR\Software\CPRSW\firstRepo>git add --all

C:\Users\maxi2\OneDrive\Desktop\Schule\CPR\Software\CPRSW\firstRepo>git rm -f delFile.txt
rm 'delFile.txt'

C:\Users\maxi2\OneDrive\Desktop\Schule\CPR\Software\CPRSW\firstRepo>git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   delFile2.txt


C:\Users\maxi2\OneDrive\Desktop\Schule\CPR\Software\CPRSW\firstRepo>git commit -m"deleted one file"
[master da72970] deleted one file
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 delFile2.txt

C:\Users\maxi2\OneDrive\Desktop\Schule\CPR\Software\CPRSW\firstRepo>git status
On branch master
nothing to commit, working tree clean

C:\Users\maxi2\OneDrive\Desktop\Schule\CPR\Software\CPRSW\firstRepo>git commit -m"Löschung"
On branch master
nothing to commit, working tree clean

C:\Users\maxi2\OneDrive\Desktop\Schule\CPR\Software\CPRSW\firstRepo>
```

Name einer Datei geändert

```
C:\Users\maxi2\OneDrive\Desktop\Schule\CPR\Software\CPRSW\firstRepo>git add doNotTrack.txt

C:\Users\maxi2\OneDrive\Desktop\Schule\CPR\Software\CPRSW\firstRepo>git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   doNotTrack.txt


C:\Users\maxi2\OneDrive\Desktop\Schule\CPR\Software\CPRSW\firstRepo>git commit -m "changed the name of a
 file"
[master c9537ca] changed the name of a file
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 doNotTrack.txt

C:\Users\maxi2\OneDrive\Desktop\Schule\CPR\Software\CPRSW\firstRepo>git mv doNotTrack.txt doTrack.txt

C:\Users\maxi2\OneDrive\Desktop\Schule\CPR\Software\CPRSW\firstRepo>git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        renamed:    doNotTrack.txt -> doTrack.txt


C:\Users\maxi2\OneDrive\Desktop\Schule\CPR\Software\CPRSW\firstRepo>git commit -m "renamed files"
[master 791929e] renamed files
 1 file changed, 0 insertions(+), 0 deletions(-)
 rename doNotTrack.txt => doTrack.txt (100%)

C:\Users\maxi2\OneDrive\Desktop\Schule\CPR\Software\CPRSW\firstRepo>
```

Inhalte Verändern

```
C:\Users\maxi2\OneDrive\Desktop\Schule\CPR\Software\CPRSW\firstRepo>git status
On branch master
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   firstFile.txt

no changes added to commit (use "git add" and/or "git commit -a")

C:\Users\maxi2\OneDrive\Desktop\Schule\CPR\Software\CPRSW\firstRepo>git restore firstFile.txt

C:\Users\maxi2\OneDrive\Desktop\Schule\CPR\Software\CPRSW\firstRepo>git status
On branch master
nothing to commit, working tree clean

C:\Users\maxi2\OneDrive\Desktop\Schule\CPR\Software\CPRSW\firstRepo>
```

5. Datei ändern

```
C:\Users\maxi2\OneDrive\Desktop\Schule\CPR\Software\CPRSW\firstRepo>git status
On branch master
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   firstFile.txt

no changes added to commit (use "git add" and/or "git commit -a")

C:\Users\maxi2\OneDrive\Desktop\Schule\CPR\Software\CPRSW\firstRepo>git add --all

C:\Users\maxi2\OneDrive\Desktop\Schule\CPR\Software\CPRSW\firstRepo>git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   firstFile.txt
```

6. Änderung einer Datei restoren

```
C:\Users\maxi2\OneDrive\Desktop\Schule\CPR\Software\CPRSW\firstRepo>git status
On branch master
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   firstFile.txt

no changes added to commit (use "git add" and/or "git commit -a")

C:\Users\maxi2\OneDrive\Desktop\Schule\CPR\Software\CPRSW\firstRepo>git restore firstFile.txt

C:\Users\maxi2\OneDrive\Desktop\Schule\CPR\Software\CPRSW\firstRepo>git status
On branch master
nothing to commit, working tree clean

C:\Users\maxi2\OneDrive\Desktop\Schule\CPR\Software\CPRSW\firstRepo>
```