

Git Bash Command Cheat Sheet

1. Git Basics (Version Control Commands)

Setup

```
git config --global user.name "Your Name"
git config --global user.email "your@email.com"
git config --list
```

Create / Clone

```
git init
git clone <url>
```

Check Status

```
git status
git log
git log --oneline
```

Stage & Commit

```
git add <file>
git add .
git commit -m "message"
```

Branches

```
git branch
git branch <branch>
git checkout <branch>
git checkout -b <branch>
git merge <branch>
```

Remote

```
git remote -v
git remote add origin <url>
git push -u origin main
git pull origin main
```

Undo

```
git restore <file>
git reset HEAD <file>
git reset --hard
```

2. Common Bash (Linux) Commands in Git Bash

Navigation

```
pwd
ls
ls -la
cd <dir>
cd ..
```

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Files & Directories

```
touch file.txt
mkdir newfolder
rm file.txt
rm -r folder
mv old.txt new.txt
cp file.txt copy.txt
```

View & Edit

```
cat file.txt
nano file.txt
less file.txt
```

Search

```
grep "word" file.txt
find . -name "*.txt"
```

3. Useful Extras

```
clear
history
echo "Hello"
whoami
```