

# Git Basic Commands Cheat Sheet

## 1. Setup:

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

## 2. Start a repo:

```
git init # Create new repo  
git clone <repo-url> # Clone remote repo
```

## 3. Check status:

```
git status
```

## 4. Stage and commit changes:

```
git add . # Stage all files  
git commit -m "Your message"
```

## 5. Check history:

```
git log
```

## 6. Push to remote:

```
git push origin main
```

## 7. Pull latest changes:

```
git pull origin main
```

## 8. Create & switch branches:

```
git branch new-feature  
git checkout new-feature  
git checkout -b new-feature # Create & switch in one step
```

## 9. Merge branches:

```
git checkout main  
git merge new-feature
```

## 10. See who changed what:

```
git blame filename
```

## 11. Undo changes:

```
git restore filename # Undo file changes before commit  
git reset --hard HEAD # Undo all uncommitted changes
```