

# Basics

## Creating a new repository

```
mkdir project
```

```
cd project
```

```
git init
```

```
git remote add origin git@github.com:yourlogin/your-repo.git
```

```
git add .
```

```
git commit -am "new repository"
```

```
git push -u origin master
```

## Cloning existing repository

```
git clone https://github.com/username/your-repo.git
```

## Creating branch

```
git checkout -b feature-1
```

**you are now in a branch, you can edit and create new files**

```
git add .
```

```
git commit -am "new feature"
```

# Merging branch to master

git checkout master

git merge feature-1

git push Deleting branch

git branch -d feature-x

# List all branches

git branch -a

# Switch branch

git checkout feature-x

# Switch to master branch

git checkout master

# Listing Remote repositories

git remote -v

# Replacing remote repository

**in case your remote repository changes, or you want to switch from HTTPS->SSH or SSH->HTTPS**

```
git remote remove origin
```

```
git remote add origin git@github.com:yourlogin/your-repo.git
```

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