

# 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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