

In [ ]:

```
- github  
- gitlab  
- bitbucket  
- azure repo
```

## cloning a remote repository

git clone

git clone <https://github.com/prashant5nov/starwarsAPI.git> (<https://github.com/prashant5nov/starwarsAPI.git>)

## git branching

git branch -a

git checkout -b feature1

git push origin

git push origin feature1

In [ ]:

```
feature  
bug
```

## git diff

To check delta of code change

git diff

(use `q` button to exit)

## git remote

- git remote -v
- git remove --verbose

## pull requests

git fetch :: downloads the code change from given branch

```
git fetch feature1 main
```

git merge :: merges the code change into specific branch

```
git merge feature1 main
```

git pull = git fetch + git merge

```
git pull branch1 branch2
```

In [ ]:

```
git clone <https-url-copied-from-remote>
git branch -a
git checkout -b feature1 # stay on main branch when executing this

# TODO - make some code change into task_four.py

git status
git diff <file-path>
git add <file-path>
git commit -m "first pull request"
git remote -v

git push origin feature1

# click on pull request
# left hand side should be base and right hand side should be feature branch
# click create pull request
```