Essential Skills. Lab 4

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1 History of git commands

1. git init - initiliazies new git repo on your local machine.

2. git status - shows current state of repo

```
>git status
# On branch master
# Changes not staged for commit:
#   (use "git add <file>..." to update what will be committed)
#   (use "git checkout -- <file>..." to discard changes in working directory)
#
#   modified:   main.tex
#
no changes added to commit (use "git add" and/or "git commit -a")
```

3. git clone - Clones remote repo to local one, where you can modify it.

```
git clone git@st9.os3.su:/home/git/project.git
```

4. git add - adds files from working dir to staging area for further commit

```
git add some_file.php
```

5. git checkout - undos git add, and frees index.

6. git commit - commits and fixes all from index on local repo

```
git commit -m "commit_message"
```

7. git push - pushes our new commits to remote repo.

```
git commit -m "commit_message"
```

2 Link with credintials

```
git clone ssh://git@st9.os3.su:1022/home/git/project.git
password: git
```

3 Commands to compile

```
make
make clean # to remove all temp files.
```

4 Makefile

```
filename=main
pdf:
    pdflatex ${filename}
clean:
    rm -f *.ps *.aux *.toc *.bbl *.blg *.log
```