GIT TUTORIAL

1) saving and sharing program listnings are common programmer problems. One should find git repository as great solution for publication.

2) sign up to GitHub or Bitbucket

3) install git program:

    #sudo apt-get install git

4) configure github account:

    #git config --global user.email „githubAccount@email"

    #git config –global user.name „githubUser"

5) add local repository for creating new project

    #git init

6) create new repository on your Github account (via internet explorer) and add locally:

    #git remote add origin https://fromGitHubAccountRepositoryAddress

7) write / add some code and add to repository:

    #git status

    #git add .

8) local repo save:

    #git commit -m „comments on your code publically avaiable"

9) first remote repo save:

    #git push –set-upstream origin master

10) standard remote repo save (P.S. for basic usage above mentioned steps are sufficient!):

    #git push

11) add new brach (f. e. there are more than one programmer) to repo:

    #git branch branchName

12) branch programms view (changing git branch):

    #git checkout branchName

13) first save remotely branch:

    #git push –set-upstream origin branchName

14) standard remote repo save:

    #git push origin branchName

15) join (merge) few branches in one:

    #git merge origin/branchName

    #git push

16) joining conflicts – meld package:

    #sudo apt-get install meld

    #git mergetool

    #git commit -m „comments on branches joining"

    #git push

1) downloading some repository from Internet - firstly install git program:

    #sudo apt-get install git

2) configure github account:

    #git config --global user.email „githubAccount@email"

    #git config –global user.name „githubUser"

3) download (clone) repo:

    #git clone https://repositoryAddress