**Work-case 1**

GitHub is one of the best web services for the development of software security. Check out the cost-free and pay-as-you-go plans for the site. Be based on kerovans with Git versions and Ruby on Rails and Erlang deployments by GitHub, Inc (formerly Logical Awesome).

Git є a set of command row utilities, which allow you to write and write changes in files (most of the code, if you can see it). To help you, you can update the old version of your project, tweak, analyze, and update the changes that are very rich. The whole process is called version control. Є a lot of additional version control systems. You can, and there are also some of them: SVN, Mercurial, Perforce, CVS, Bitkeeper and others.

Git is pretty decentralized, which means it doesn't get stuck on a central server. Dani is stored locally in a folder on your hard disk, which is called a repository. You can also save a copy of your repository online so you can have a team of people work on one code at once. For many victorious sites, such as GitHub and BitBucket.

GitHub is a system for managing projects and versions of the code, as well as a platform for social framing, launched for developers. Why should I be victorious on GitHub? Well, in the middle of it, I allow you to work with people in good spirits, plan your project and show your robot.

GitHub is also one of the biggest online spiel robots in the world.

Basic git commands:

**git clone addresses of the store -** clone the repository to the local computer

**git commit -**m 'initial commit' commit change to local repository

**git push -u origin master -** just the first time to update the update to the repository update

**git push -** all new updates are sent to the repositories

**git pull -** download the current version of the remote control and all the snakes get stuck to the local control

**checkout -** go to іnshu gіlka

**discard -** do not send to the repository because we are not befitting

**revert -** іsnuchі Komito

**hard reset -** roll back a bundle of commits

**merge -** a collection of pidtyaguєmo in your group from master of all changes

**merge -** checkout in master and merge all changes from our gilka

**git clone -** download the schema

**git status -** re-view of current changes

**git add -** add a file to the local repository

**git commit -** Commit to local repository

**git push -** Commits to add repositories

Robot with nozzles

**git branch -**a marvel at yakiy mi known and show all keys key -a all

**git branch newbranch -** open a new branch with im'am newbranch

**git checkout newbranch -** go to a new branch

**git push origin newbranch -** (from the list, switch to the maister) add the newbranch link to the add-on repository

**git branch -d newbranch -** view the newbranch branch from the local map

**git push origin --delete newbranch** - see the newbranch flag in the given repository