***Міністерство освіти і науки України***

***Черкаський національний університет імені Богдана Хмельницького***

***ННІ інформаційних та освітніх технологій***

Кафедра прикладної математики та інформатики

Дисципліна: Основи інформатики

Звіт

***з лабораторної роботи №13***

***Тема: «GIT»***

Виконав студент спец.:

126 Інформаційні системи та технології

Шевченко Вадим Юрійович

Черкаси 2018

Admin@Admin-PC MINGW64 /d/repository

$ mkdir hello

Admin@Admin-PC MINGW64 /d/repository

$ cd hello

Admin@Admin-PC MINGW64 /d/repository/hello

$ touch hello.html

Admin@Admin-PC MINGW64 /d/repository/hello

$ git init

Initialized empty Git repository in D:/repository/hello/.git/

Admin@Admin-PC MINGW64 /d/repository/hello (master)

$ git add hello.html

Admin@Admin-PC MINGW64 /d/repository/hello (master)

$ git commit -m "First Commit"

[master (root-commit) e67b740] First Commit

1 file changed, 0 insertions(+), 0 deletions(-)

create mode 100644 hello.html

Admin@Admin-PC MINGW64 /d/repository/hello (master)

$ git status

On branch master

nothing to commit, working tree clean

Admin@Admin-PC MINGW64 /d/repository/hello (master)

$ 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: hello.html

no changes added to commit (use "git add" and/or "git commit -a")

Admin@Admin-PC MINGW64 /d/repository/hello (master)

$ git add hello.html

Admin@Admin-PC MINGW64 /d/repository/hello (master)

$ git status

On branch master

Changes to be committed:

(use "git reset HEAD <file>..." to unstage)

modified: hello.html

Admin@Admin-PC MINGW64 /d/repository/hello (master)

$ git add a.html

fatal: pathspec 'a.html' did not match any files

Admin@Admin-PC MINGW64 /d/repository/hello (master)

$ touch a.html

Admin@Admin-PC MINGW64 /d/repository/hello (master)

$ git add a.html

Admin@Admin-PC MINGW64 /d/repository/hello (master)

$ git add hello.html

Admin@Admin-PC MINGW64 /d/repository/hello (master)

$ git commit -m "Changes for a and hello"

[master a753ba8] Changes for a and hello

2 files changed, 1 insertion(+)

create mode 100644 a.html

rewrite hello.html (94%)

Admin@Admin-PC MINGW64 /d/repository/hello (master)

$ git status

On branch master

nothing to commit, working tree clean

Admin@Admin-PC MINGW64 /d/repository/hello (master)

$ git add hello.html

Admin@Admin-PC MINGW64 /d/repository/hello (master)

$ git status

On branch master

Changes to be committed:

(use "git reset HEAD <file>..." to unstage)

modified: hello.html

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: hello.html

Admin@Admin-PC MINGW64 /d/repository/hello (master)

$ git commit -m "Added standard HTML page tags"

[master 54927b3] Added standard HTML page tags

1 file changed, 5 insertions(+), 3 deletions(-)

Admin@Admin-PC MINGW64 /d/repository/hello (master)

$ 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: hello.html

no changes added to commit (use "git add" and/or "git commit -a")

Admin@Admin-PC MINGW64 /d/repository/hello (master)

$ git add

Nothing specified, nothing added.

Maybe you wanted to say 'git add .'?

Admin@Admin-PC MINGW64 /d/repository/hello (master)

$ 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: hello.html

no changes added to commit (use "git add" and/or "git commit -a")

Admin@Admin-PC MINGW64 /d/repository/hello (master)

$ git add \*

Admin@Admin-PC MINGW64 /d/repository/hello (master)

$ git status

On branch master

Changes to be committed:

(use "git reset HEAD <file>..." to unstage)

modified: hello.html

Admin@Admin-PC MINGW64 /d/repository/hello (master)

$ git commit -m "Added HTML header"

[master b1f93c3] Added HTML header

1 file changed, 7 insertions(+), 6 deletions(-)

rewrite hello.html (87%)

Admin@Admin-PC MINGW64 /d/repository/hello (master)

$ git log

commit b1f93c3cc3ef91082f5d8818a44979154d303a9c (HEAD -> master)

Author: scanner740 <scanner740@gmail.com>

Date: Wed Dec 5 20:24:56 2018 +0200

Added HTML header

commit 54927b307538bd462822a77834f2a22bcd6e9712

Author: scanner740 <scanner740@gmail.com>

Date: Wed Dec 5 20:22:58 2018 +0200

Added standard HTML page tags

commit a753ba80f016090daf02fa8f0611a9eff58022a7

Author: scanner740 <scanner740@gmail.com>

Date: Wed Dec 5 20:20:44 2018 +0200

Changes for a and hello

commit e67b740e038230961d45caa77c1f7d0db4373c89

Author: scanner740 <scanner740@gmail.com>

Date: Wed Dec 5 20:12:51 2018 +0200

First Commit

Admin@Admin-PC MINGW64 /d/repository/hello (master)

$ git log --pretty=oneline

b1f93c3cc3ef91082f5d8818a44979154d303a9c (HEAD -> master) Added HTML header

54927b307538bd462822a77834f2a22bcd6e9712 Added standard HTML page tags

a753ba80f016090daf02fa8f0611a9eff58022a7 Changes for a and hello

e67b740e038230961d45caa77c1f7d0db4373c89 First Commit

Admin@Admin-PC MINGW64 /d/repository/hello (master)

$ git log --pretty=oneline --max-count=2

b1f93c3cc3ef91082f5d8818a44979154d303a9c (HEAD -> master) Added HTML header

54927b307538bd462822a77834f2a22bcd6e9712 Added standard HTML page tags

Admin@Admin-PC MINGW64 /d/repository/hello (master)

$ git log --pretty=oneline --since='5 minutes ago'

b1f93c3cc3ef91082f5d8818a44979154d303a9c (HEAD -> master) Added HTML header

54927b307538bd462822a77834f2a22bcd6e9712 Added standard HTML page tags

Admin@Admin-PC MINGW64 /d/repository/hello (master)

$ git log --pretty=oneline --all

b1f93c3cc3ef91082f5d8818a44979154d303a9c (HEAD -> master) Added HTML header

54927b307538bd462822a77834f2a22bcd6e9712 Added standard HTML page tags

a753ba80f016090daf02fa8f0611a9eff58022a7 Changes for a and hello

e67b740e038230961d45caa77c1f7d0db4373c89 First Commit

Admin@Admin-PC MINGW64 /d/repository/hello (master)

$ git log --pretty=oneline --max-count=2

b1f93c3cc3ef91082f5d8818a44979154d303a9c (HEAD -> master) Added HTML header

54927b307538bd462822a77834f2a22bcd6e9712 Added standard HTML page tags

Admin@Admin-PC MINGW64 /d/repository/hello (master)

$ git log --pretty=oneline --since='5 minutes ago'

b1f93c3cc3ef91082f5d8818a44979154d303a9c (HEAD -> master) Added HTML header

54927b307538bd462822a77834f2a22bcd6e9712 Added standard HTML page tags

Admin@Admin-PC MINGW64 /d/repository/hello (master)

$ git log --pretty=oneline --until='5 minutes ago'

a753ba80f016090daf02fa8f0611a9eff58022a7 Changes for a and hello

e67b740e038230961d45caa77c1f7d0db4373c89 First Commit

Admin@Admin-PC MINGW64 /d/repository/hello (master)

$ git log --pretty=oneline --author=<Vadym>

bash: syntax error near unexpected token `newline'

Admin@Admin-PC MINGW64 /d/repository/hello (master)

$ git log --pretty=oneline --author=<scanner740>

bash: syntax error near unexpected token `newline'

Admin@Admin-PC MINGW64 /d/repository/hello (master)

$ git log --pretty=oneline --all

b1f93c3cc3ef91082f5d8818a44979154d303a9c (HEAD -> master) Added HTML header

54927b307538bd462822a77834f2a22bcd6e9712 Added standard HTML page tags

a753ba80f016090daf02fa8f0611a9eff58022a7 Changes for a and hello

e67b740e038230961d45caa77c1f7d0db4373c89 First Commit

Admin@Admin-PC MINGW64 /d/repository/hello (master)

$ git log --all --pretty=format:"%h %cd %s (%an)" --since='7 days ago'

b1f93c3 Wed Dec 5 20:24:56 2018 +0200 Added HTML header (scanner740)

54927b3 Wed Dec 5 20:22:58 2018 +0200 Added standard HTML page tags (scanner740)

a753ba8 Wed Dec 5 20:20:44 2018 +0200 Changes for a and hello (scanner740)

e67b740 Wed Dec 5 20:12:51 2018 +0200 First Commit (scanner740)

Admin@Admin-PC MINGW64 /d/repository/hello (master)

$ git log --pretty=format:"%h %ad | %s%d [%an]" --graph --date=short

\* b1f93c3 2018-12-05 | Added HTML header (HEAD -> master) [scanner740]

\* 54927b3 2018-12-05 | Added standard HTML page tags [scanner740]

\* a753ba8 2018-12-05 | Changes for a and hello [scanner740]

\* e67b740 2018-12-05 | First Commit [scanner740]

Admin@Admin-PC MINGW64 /d/repository/hello (master)

$ git config --global alias.co checkout

git config --global alias.st status

git config --global alias.br branch

git config --global alias.hist "log --pretty=format:'%h %ad | %s%d [%an]' --graph --date=short"

git config --global alias.type 'cat-file -t'

git config --global alias.dump 'cat-file -p'

Admin@Admin-PC MINGW64 /d/repository/hello (master)

$ git config --global alias.ci commit

Admin@Admin-PC MINGW64 /d/repository/hello (master)

$ git config --global alias.st status

Admin@Admin-PC MINGW64 /d/repository/hello (master)

$ git config --global alias.br branch

Admin@Admin-PC MINGW64 /d/repository/hello (master)

$ git config --global alias.hist "log --pretty=format:'%h %ad | %s%d [%an]' --graph --date=short"

Admin@Admin-PC MINGW64 /d/repository/hello (master)

$ git config --global alias.type 'cat-file -t'

Admin@Admin-PC MINGW64 /d/repository/hello (master)

$ git config --global alias.dump 'cat-file -p'

Admin@Admin-PC MINGW64 /d/repository/hello (master)

$ git config --global alias.co checkout

Admin@Admin-PC MINGW64 /d/repository/hello (master)

$ git config --global alias.ci commit

Admin@Admin-PC MINGW64 /d/repository/hello (master)

$ git config --global alias.st status

Admin@Admin-PC MINGW64 /d/repository/hello (master)

$ git config --global alias.br branch

Admin@Admin-PC MINGW64 /d/repository/hello (master)

$ git hist

\* b1f93c3 2018-12-05 | Added HTML header (HEAD -> master) [scanner740]

\* 54927b3 2018-12-05 | Added standard HTML page tags [scanner740]

\* a753ba8 2018-12-05 | Changes for a and hello [scanner740]

\* e67b740 2018-12-05 | First Commit [scanner740]

Admin@Admin-PC MINGW64 /d/repository/hello (master)

$ git checkout <hash>

bash: syntax error near unexpected token `newline'

Admin@Admin-PC MINGW64 /d/repository/hello (master)

$ cat hello.html

<html>

<head>

</head>

<body>

<h1>Hello, World!</h1>

</body>

</html>

Admin@Admin-PC MINGW64 /d/repository/hello (master)

$ git checkout <b1f93c3>

bash: syntax error near unexpected token `newline'

Admin@Admin-PC MINGW64 /d/repository/hello (master)

$ cat hello.html

<html>

<head>

</head>

<body>

<h1>Hello, World!</h1>

</body>

</html>

Admin@Admin-PC MINGW64 /d/repository/hello (master)

$ git checkout master

Already on 'master'

Admin@Admin-PC MINGW64 /d/repository/hello (master)

$ cat hello.html

<html>

<head>

</head>

<body>

<h1>Hello, World!</h1>

</body>

</html>

Admin@Admin-PC MINGW64 /d/repository/hello (master)