

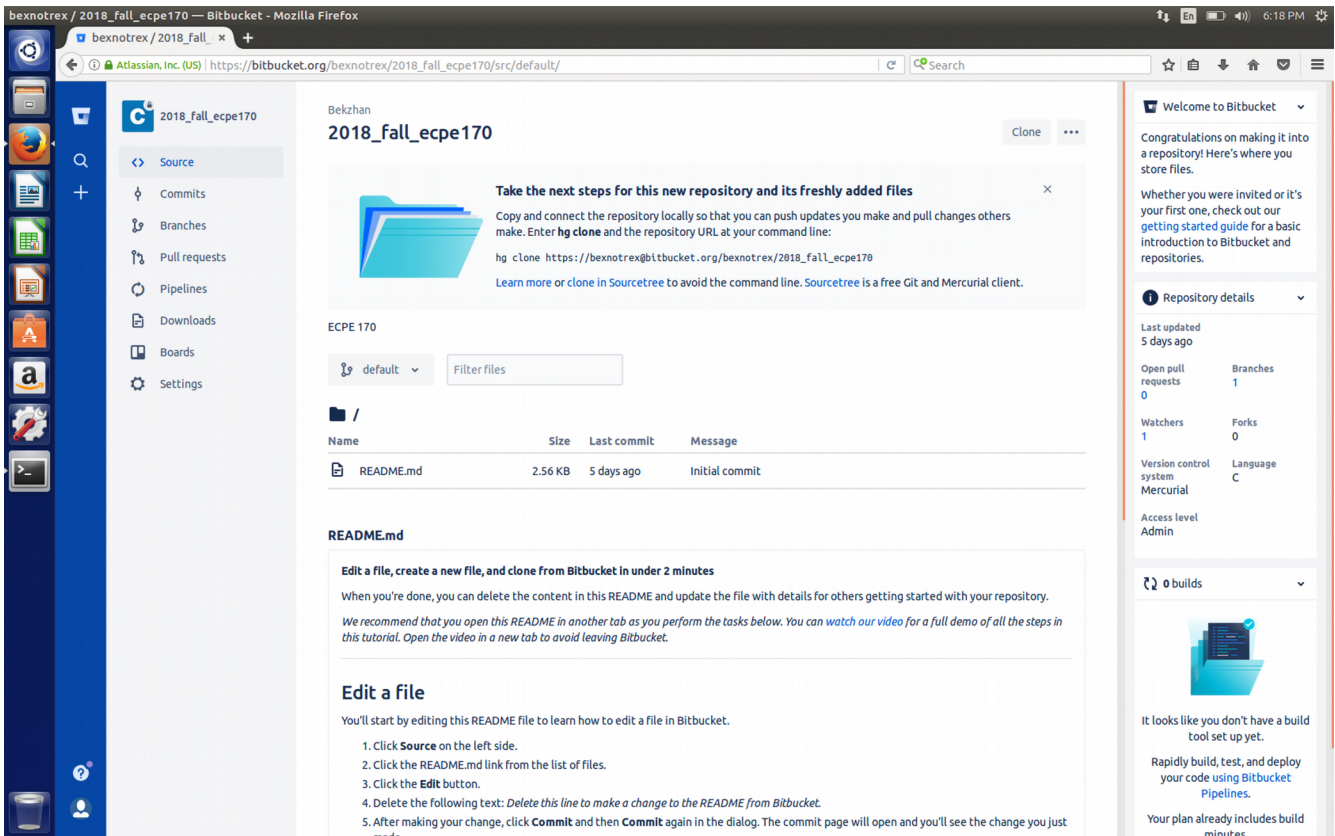
Lab Report

EC PE 170 ò Computer Systems and Networks ò Spring 2016

Name: *Bekzhan Abdimanapov*

Lab Topic: *Vision Control (Lab #: 2)*

Question #1:
ANSWER:



Question #2:
Answer:

bexnotrex / 2018_fall_ecpe170 — Bitbucket - Mozilla Firefox

bexnotrex / 2018_fall_... x ECPE_170_01-Comput... x Lab 2: Version Control x Screenshots and scre... x +

Atlassian, Inc. (US) | https://bitbucket.org/bexnotrex/2018_fall_ecpe170/src/default/

2018_fall_ecpe170

- Source
- Commits
- Branches
- Pull requests
- Pipelines
- Downloads
- Boards
- Settings

Name	Size	Last commit	Message
README.md	2.56 KB	5 days ago	Initial commit

README.md

Edit a file, create a new file, and clone from Bitbucket in under 2 minutes

When you're done, you can delete the content in this README and update the file with details for others getting started with your repository.

We recommend that you open this README in another tab as you perform the tasks below. You can watch our video for a full demo of all the steps in this tutorial. Open the video in a new tab to avoid leaving Bitbucket.

Edit a file

You'll start by editing this README file to learn how to edit a file in Bitbucket.

1. Click **Source** on the left side.
2. Click the README.md link from the list of files.
3. Click the **Edit** button.
4. Delete the following text: *Delete this line to make a change to the README from Bitbucket.*
5. After making your change, click **Commit** and then **Commit** again in the dialog. The commit page will open and you'll see the change you just made.
6. Go back to the **Source** page.

Create a file

Next, you'll add a new file to this repository.

1. Click the **New file** button at the top of the **Source** page.
2. Give the file a filename of **contributors.txt**.
3. Enter your name in the empty file space.
4. Click **Commit** and then **Commit** again in the dialog.
5. Go back to the **Source** page.

Before you move on, go ahead and explore the repository. You've already seen the **Source** page, but check out the **Commits**, **Branches**, and **Settings** pages.

Clone a repository

hg clone https://bexnotrex@bitbucket.org/bexnotrex/2018_fall_ecpe170

Learn more or clone in Sourcetree to avoid the command line. Sourcetree is a free Git and Mercurial client.

ECPE 170

default Filter files

Name	Size	Last commit	Message
exam1			
exam2			
lab02			
lab03			
lab04			
lab05			
lab06			
lab07			
lab08			
lab09			
lab10			
lab11			
lab12			
README.md	2.56 KB	5 days ago	Initial commit

README.md

Welcome to Bitbucket

Congratulations on making it into a repository! Here's where you store files.

Whether you were invited or it's your first one, check out our [getting started guide](#) for a basic introduction to Bitbucket and repositories.

Repository details

Last updated 5 days ago

Open pull requests	0	Branches	1
Watchers	1	Forks	0
Version control system	Mercurial	Language	C
Access level	Admin		

0 builds

It looks like you don't have a build tool set up yet.

Rapidly build, test, and deploy your code using Bitbucket Pipelines.

Your plan already includes build minutes.

Question #3:
Answer:

bexnotrex / 2018_fall_ecpe170 — Bitbucket - Mozilla Firefox

bexnotrex / 2018_fall_... x ECPE_170_01-Comput... x Lab 2: Version Control x Screenshots and scre... x +

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2018_fall_ecpe170

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Name	Size	Last commit	Message
exam1			
exam2			
lab02			
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lab04			
lab05			
lab06			
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lab09			
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README.md	2.56 KB	5 days ago	Initial commit

README.md

Welcome to Bitbucket

Congratulations on making it into a repository! Here's where you store files.

Whether you were invited or it's your first one, check out our [getting started guide](#) for a basic introduction to Bitbucket and repositories.

Repository details

Last updated 32 seconds ago

Open pull requests	0	Branches	1
Watchers	1	Forks	0
Version control system	Mercurial	Language	C
Access level	Admin		

0 builds

It looks like you don't have a build tool set up yet.

Rapidly build, test, and deploy your code using Bitbucket Pipelines.

Your plan already includes build minutes.

Question 4:

ANSWER:

Bekzhan / 2018_fall_ecpe170

Commits

All branches ▾

Find commits

Author	Commit	Message	Date	Builds
Bekzhan	a69c3b9 D	Creating initial directory structure for class repository	2 minutes ago	
Bekzhan	00ba5ae	Initial commit	4 days ago	

Question 5:

ANSWER:

Bekzhan / 2018_fall_ecpe170

Commits

All branches ▾

Find commits

Author	Commit	Message	Date	Builds
Bekzhan	ecb00e4 D	Lab 2: Added file on why version control is awesome	31 seconds ago	
Bekzhan	a69c3b9 D	Creating initial directory structure for class repository	12 minutes ago	
Bekzhan	00ba5ae	Initial commit	4 days ago	

Question 6:

ANSWER:

It shows deleted file

Question 7:

ANSWER:

It shows added file

Question 8:

ANSWER:

It shows what information is added in file

Question 9:

ANSWER:

It shows personal information that is deleted in file

Question 10:

ANSWER:

*First is that group of people can edit each other's code
Second one is that they all can see who wrote what and where*

Question 11:

ANSWER:

*Single developer can find version control useful when information is already uploaded and when he wants to revert it back and edit again.
Or maybe person accidentally deleted his code, but he can get a copy from version control*

Question 12:

ANSWER:

You can keep in version control all codes or codes that you want to compare

Question 13:

ANSWER:

Auto compiled files should not be in version control, because there cases when opening a source files to read them will create temporary files and it would be very distracting to see those files in repository.

Question 14:

ANSWER:

Just hg cp adds new files and mark them as copies of the old files and changes made in original files will merge to those copies

But with cp it just makes copy and in future it would not merge changes