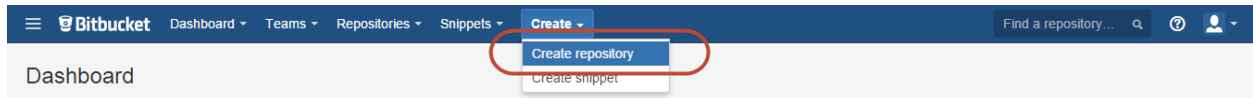


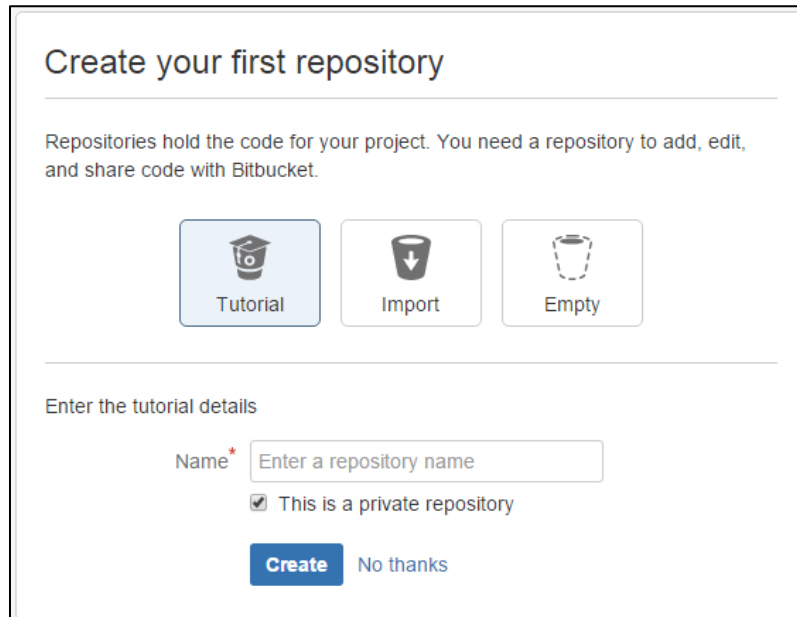
## Bitbucket Configuration

Bitbucket is an online code repository similar to GitHub

- Create a Bitbucket account
  - <https://bitbucket.org/account/signup/>
  - Ensure to register with your **husky email**
- After creating an account, create a repository and name it in the following format  
**LastName\_FirstName\_NUID**



- Ensure that **'This is a private repository'** is checked

A screenshot of the 'Create your first repository' form in Bitbucket. The form has a title 'Create your first repository' and a subtitle 'Repositories hold the code for your project. You need a repository to add, edit, and share code with Bitbucket.' Below this are three buttons: 'Tutorial' (with a graduation cap icon), 'Import' (with a download icon), and 'Empty' (with an empty cup icon). Below these buttons is a section titled 'Enter the tutorial details'. It contains a 'Name' field with a red asterisk and the placeholder text 'Enter a repository name'. Below the name field is a checkbox labeled 'This is a private repository' which is checked. At the bottom are two buttons: 'Create' (in blue) and 'No thanks' (in grey).

- On creation of the repository, you will be navigated to repository home page as shown below

## Create a new repository

You can also [import a repository](#)

Name\*

Description

Access level

☒ This is a private repository

Forking

Allow only private forks

Repository type

☒ Git  
☐ Mercurial

Project management

☐ Issue tracking  
☐ Wiki

Language

Select language...

### New to Bitbucket?

Learn the basics of using Git and Mercurial in our training ground.

### Working in a team?

Create a team account to consolidate your repos and organize your team's work

### Repository integrations

HipChat

☐ Enable HipChat notifications

Create repository

Cancel

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Configuration required for creating local branch:

Bitbucket

Dashboard · Teams · Repositories · Snippets · Create

Find a repository...

hegde\_rachan  
bitbucketDemo

Clone

Create branch

Create pull request

Compare

Fork

Overview

Source

Commits

Branches

Pull requests

Downloads

Settings

Repository setup

Your repository is empty — let's put some bits in your bucket.

HTTPS

[git clone https://hegde\\_rachan@bitbucket.org/...](#)

Need help cloning? Visit Bitbucket 101.

Clone in SourceTree

Atlassian SourceTree is a free Git and Mercurial client for Windows.

Clone in SourceTree

Command line

I'm starting from scratch

I have an existing project

Need a complete walkthrough?

Check out the Bitbucket Tutorials.

Blog · Support · Plans & pricing · Documentation · API · Site status · Version info · Terms of service · Privacy policy

JIRA · Confluence · Bamboo · Stash · SourceTree · HipChat

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The screenshot shows the Bitbucket interface for a newly created repository. The top navigation bar includes 'Dashboard', 'Teams', 'Repositories', 'Snippets', and a 'Create' button. The left sidebar contains 'ACTIONS' (Clone, Create branch, Create pull request, Compare, Fork) and 'NAVIGATION' (Overview, Source, Commits, Branches, Pull requests, Downloads, Settings). The main content area is titled 'Overview' and features a red circle highlighting the repository's HTTPS URL: `https://Bala02@bitbucket.org/Bala02/`. Below the URL, a table displays repository statistics: 1 Branch, 0 Tags, 0 Forks, and 0 Watchers. A 'Send invitation' button is visible. The 'Recent activity' section shows the repository was created by 'Bala02/gopalakrishnan\_balamanikand...' 2 minutes ago. The main text area welcomes the user and provides instructions on how to use Git and Bitbucket, including a link to the SourceTree client.

Bitbucket Dashboard Teams Repositories Snippets Create

Find a repository...

Bala02  
Gopalakrishnan\_Balama...

ACTIONS

- Clone
- Create branch
- Create pull request
- Compare
- Fork

NAVIGATION

- Overview
- Source
- Commits
- Branches
- Pull requests
- Downloads
- Settings

Overview

Last updated a minute ago  
Language —  
Access level Admin

1 Branch  
0 Tags  
0 Forks  
0 Watchers

Invite users to this repo

Send invitation

Recent activity

Bala02/gopalakrishnan\_balamanikand...  
Repository created  
Bala Gopalakrishnan · 2 minutes ago

Welcome to your tutorial repository!

Learn how to use Git and Bitbucket with either SourceTree, one of the best Git clients available, or using Git from the command line. Whichever you choose you will learn how set up Git, clone this repository locally. Then learn how to make and commit a change locally and push that change back to Bitbucket.

Start here

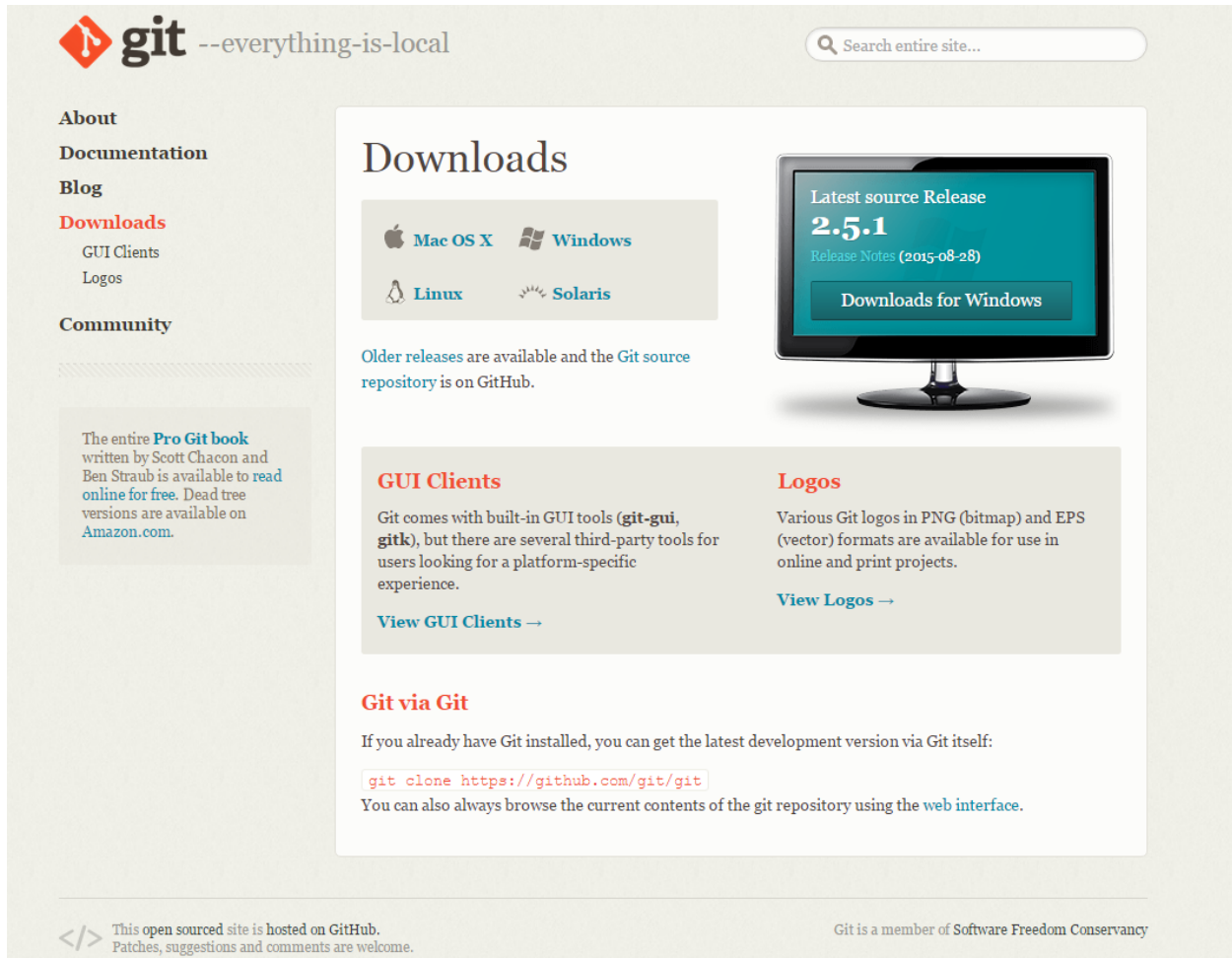
Choose either SourceTree, Atlassian's Git client, or the command line to learn source control using Bitbucket and Git.

Use SourceTree Atlassian's Git client for Windows and Mac

- The link highlighted here is a link to the repository created which will be used later in the configuration

## Local Branch Configuration

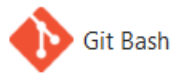
### 1) GIT SCM Download page



### Alternate way to install git scm on mac:

- a) Open terminal on Mac
- b) install homebrew  
**ruby -e "\$(curl -fsSL <https://raw.githubusercontent.com/Homebrew/install/master/install>)"**
- c) install git:  
**brew install git**

2) Git SCM icon:



3) open GIT bash terminal and run following commands

Step 1) `$ git config --global user.name "<Your Name>"`

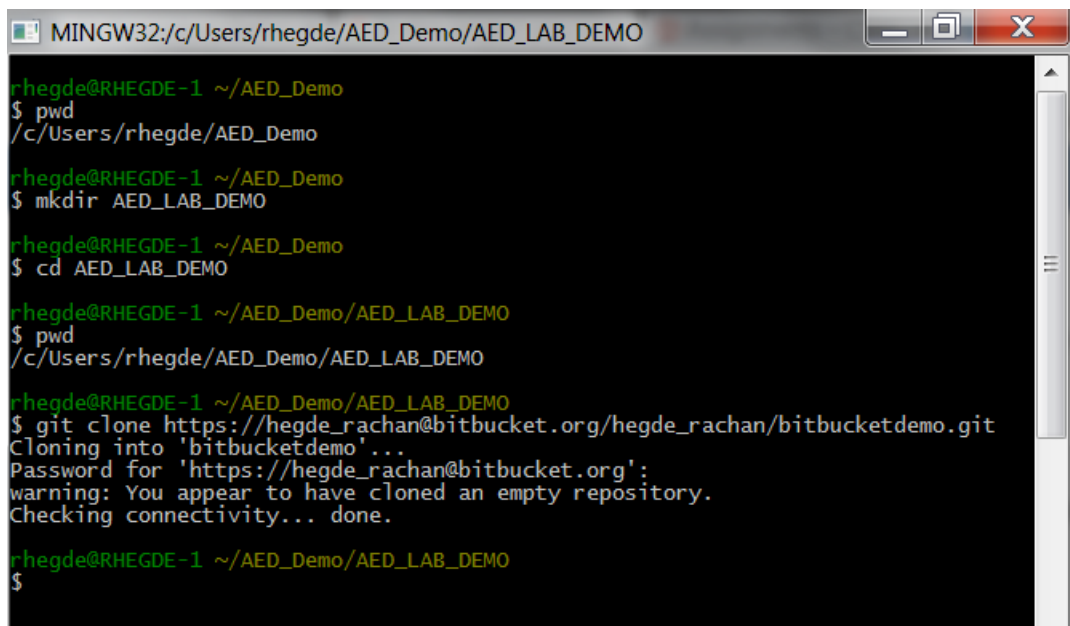
`$ git config --global user.email <husky email id>`

`$ git config --global color.ui true`

Step 2) `mkdir <folder name>` {Creating directory for your local repository}

Step 3) `cd <folder name>` { go to the directory}

Step 4) `git clone <personal repository>` {link copied from [Configuration required for creating local branch step](#)}

A screenshot of a Git Bash terminal window. The title bar shows the path "MINGW32:/c/Users/rhegde/AED\_Demo/AED\_LAB\_DEMO". The terminal content shows the following commands and output:

```
rhegde@RHEGDE-1 ~/AED_Demo
$ pwd
/c/Users/rhegde/AED_Demo

rhegde@RHEGDE-1 ~/AED_Demo
$ mkdir AED_LAB_DEMO

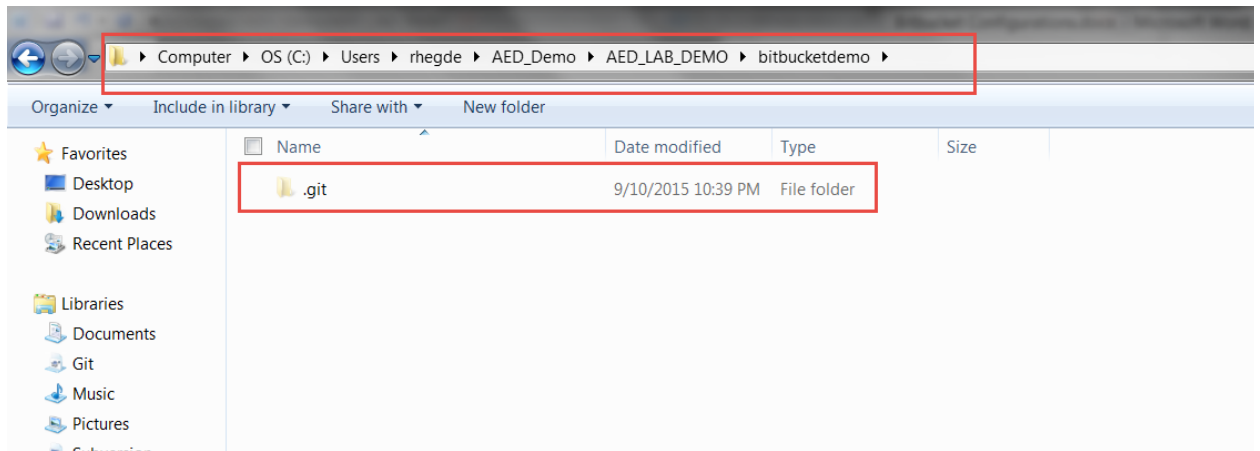
rhegde@RHEGDE-1 ~/AED_Demo
$ cd AED_LAB_DEMO

rhegde@RHEGDE-1 ~/AED_Demo/AED_LAB_DEMO
$ pwd
/c/Users/rhegde/AED_Demo/AED_LAB_DEMO

rhegde@RHEGDE-1 ~/AED_Demo/AED_LAB_DEMO
$ git clone https://hegde_rachan@bitbucket.org/hegde_rachan/bitbucketdemo.git
Cloning into 'bitbucketdemo'...
Password for 'https://hegde_rachan@bitbucket.org':
warning: You appear to have cloned an empty repository.
Checking connectivity... done.

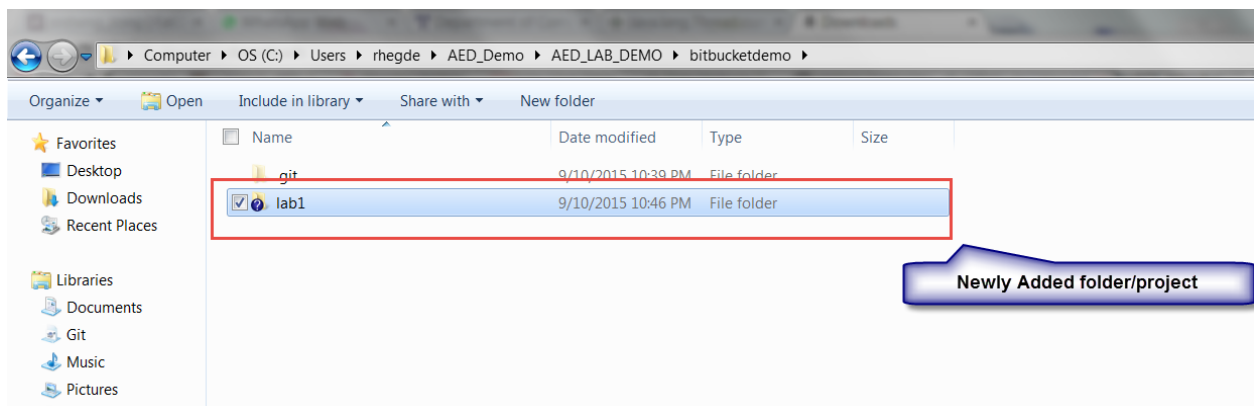
rhegde@RHEGDE-1 ~/AED_Demo/AED_LAB_DEMO
$
```

Local repository is created in the location as below

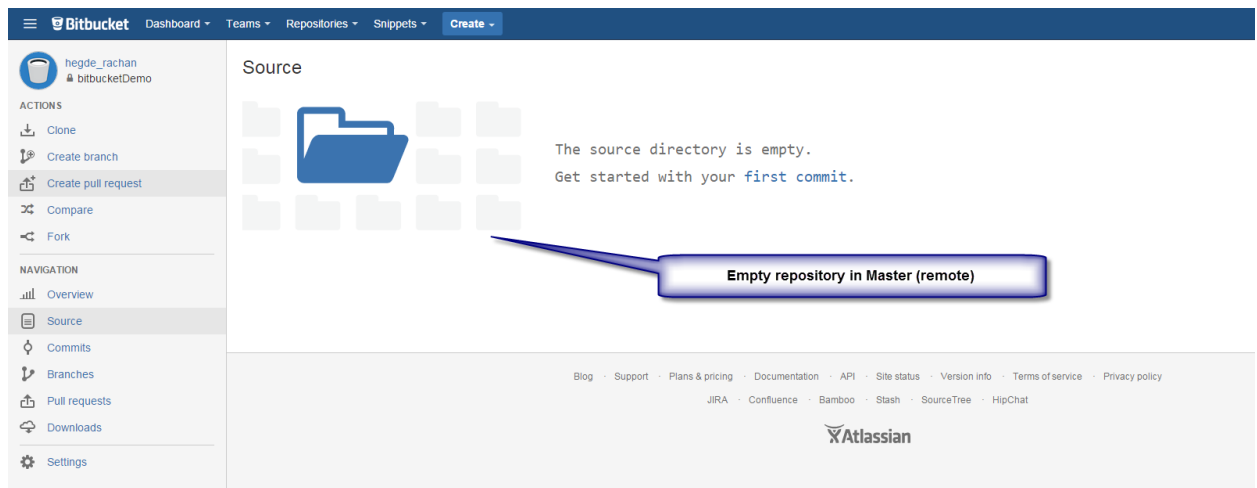


Add new artifacts:

Step 1) Add/copy new files to your local repository as below



Master (remote) repository empty before checkin:



Step 2) below are the commands to add/check in/push the code/files to remote:

MINGW32:/c/Users/rhegde/AED\_Demo/AED\_LAB\_DEMO/bitbucketdemo

rhegde@RHEGDE-1 ~/AED\_Demo/AED\_LAB\_DEMO/bitbucketdemo (master)

\$ pwd

/c/Users/rhegde/AED\_Demo/AED\_LAB\_DEMO/bitbucketdemo

rhegde@RHEGDE-1 ~/AED\_Demo/AED\_LAB\_DEMO/bitbucketdemo (master)

\$ git pull --all

Fetching origin

Password for 'https://hegde\_rachan@bitbucket.org':

Already up-to-date.

rhegde@RHEGDE-1 ~/AED\_Demo/AED\_LAB\_DEMO/bitbucketdemo (master)

\$ ls

lab1

rhegde@RHEGDE-1 ~/AED\_Demo/AED\_LAB\_DEMO/bitbucketdemo (master)

\$ git add --all

warning: LF will be replaced by CRLF in lab1/build.xml.

The file will have its original line endings in your working directory.

warning: LF will be replaced by CRLF in lab1/dist/README.TXT.

The file will have its original line endings in your working directory.

warning: LF will be replaced by CRLF in lab1/manifest.mf.

The file will have its original line endings in your working directory.

warning: LF will be replaced by CRLF in lab1/nbproject/build-impl.xml.

The file will have its original line endings in your working directory.

warning: LF will be replaced by CRLF in lab1/nbproject/genfiles.properties.

The file will have its original line endings in your working directory.

warning: LF will be replaced by CRLF in lab1/nbproject/private/private.properties.

s.

The file will have its original line endings in your working directory.

warning: LF will be replaced by CRLF in lab1/nbproject/private/private.xml.

The file will have its original line endings in your working directory.

warning: LF will be replaced by CRLF in lab1/nbproject/project.properties.

The file will have its original line endings in your working directory.

warning: LF will be replaced by CRLF in lab1/nbproject/project.xml.

The file will have its original line endings in your working directory.

warning: LF will be replaced by CRLF in lab1/src/Business/Product.java.

The file will have its original line endings in your working directory.

warning: LF will be replaced by CRLF in lab1/src/Interface/CreatePanel.form.

The file will have its original line endings in your working directory.

warning: LF will be replaced by CRLF in lab1/src/Interface/CreatePanel.java.

The file will have its original line endings in your working directory.

warning: LF will be replaced by CRLF in lab1/src/Interface/MainJFrame.form.

The file will have its original line endings in your working directory.

warning: LF will be replaced by CRLF in lab1/src/Interface/MainJFrame.java.

The file will have its original line endings in your working directory.

warning: LF will be replaced by CRLF in lab1/src/Interface/ViewPanel.form.

The file will have its original line endings in your working directory.

warning: LF will be replaced by CRLF in lab1/src/Interface/ViewPanel.java.

The file will have its original line endings in your working directory.

rhegde@RHEGDE-1 ~/AED\_Demo/AED\_LAB\_DEMO/bitbucketdemo (master)

\$ git commit -m "Adding New files"

[master de0d2ec] Adding new files

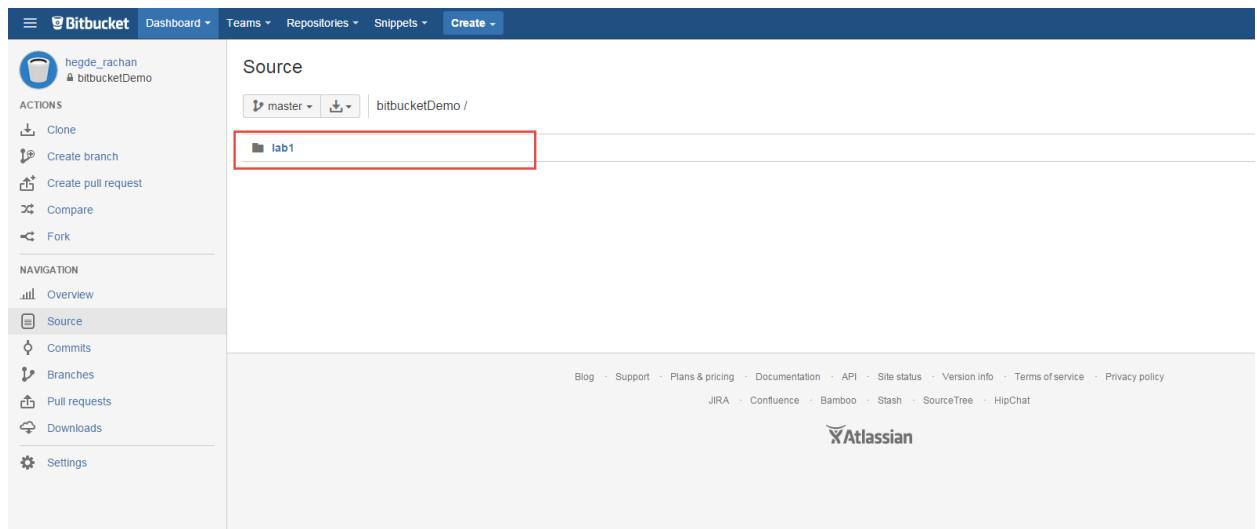


```

MINGW32/c/Users/rhegde/AED_Demo/AED_LAB_DEMO/bitbucketdemo
s.
The file will have its original line endings in your working directory.
warning: LF will be replaced by CRLF in lab1/nbproject/private/private.xml.
The file will have its original line endings in your working directory.
warning: LF will be replaced by CRLF in lab1/nbproject/project.properties.
The file will have its original line endings in your working directory.
warning: LF will be replaced by CRLF in lab1/nbproject/project.xml.
The file will have its original line endings in your working directory.
warning: LF will be replaced by CRLF in lab1/src/Business/Product.java.
The file will have its original line endings in your working directory.
warning: LF will be replaced by CRLF in lab1/src/Interface/CreatePanel.form.
The file will have its original line endings in your working directory.
warning: LF will be replaced by CRLF in lab1/src/Interface/CreatePanel.java.
The file will have its original line endings in your working directory.
warning: LF will be replaced by CRLF in lab1/src/Interface/MainJFrame.form.
The file will have its original line endings in your working directory.
warning: LF will be replaced by CRLF in lab1/src/Interface/MainJFrame.java.
The file will have its original line endings in your working directory.
warning: LF will be replaced by CRLF in lab1/src/Interface/ViewPanel.form.
The file will have its original line endings in your working directory.
warning: LF will be replaced by CRLF in lab1/src/Interface/ViewPanel.java.
The file will have its original line endings in your working directory.
18 files changed, 2622 insertions(+)
create mode 100644 lab1/.DS_Store
create mode 100644 lab1/build.xml
create mode 100644 lab1/dist/Lab1.jar
create mode 100644 lab1/dist/README.TXT
create mode 100644 lab1/manifest.mf
create mode 100644 lab1/nbproject/build-impl.xml
create mode 100644 lab1/nbproject/genfiles.properties
create mode 100644 lab1/nbproject/private/private.properties
create mode 100644 lab1/nbproject/private/private.xml
create mode 100644 lab1/nbproject/project.properties
create mode 100644 lab1/nbproject/project.xml
create mode 100644 lab1/src/Business/Product.java
create mode 100644 lab1/src/Interface/CreatePanel.form
create mode 100644 lab1/src/Interface/CreatePanel.java
create mode 100644 lab1/src/Interface/MainJFrame.form
create mode 100644 lab1/src/Interface/MainJFrame.java
create mode 100644 lab1/src/Interface/ViewPanel.form
create mode 100644 lab1/src/Interface/ViewPanel.java
rhegde@RHEGDE-1 ~/AED_Demo/AED_LAB_DEMO/bitbucketdemo (master)
$ git push --all
Password for 'https://hegde_rachan@bitbucket.org':
Counting objects: 28, done.
Delta compression using up to 8 threads.
Compressing objects: 100% (25/25), done.
Writing objects: 100% (27/27), 27.96 KiB | 0 bytes/s, done.
Total 27 (delta 3), reused 0 (delta 0)
To https://hegde_rachan@bitbucket.org/hegde_rachan/bitbucketdemo.git
b4969a5..de0d2ec master -> master

```

Step 3) In master repo we can see the files/folders committed :



### ***To add a new file/folder***

=====

- copy new file/folder to be added to your local repository folder
- open Git shell
- git pull --all
- git add --all
- git commit -m "<comment>"
- git push --all
- Enter your username and password set for your repository

### ***Update already committed file/folders:***

=====

- Go to the local repo
- Update the files in local repository
- open Git shell
- git pull --all
- git add --all
- git commit -m "<comment>"
- git push --all
- Enter your username and password set for your repository

Verify in the master repository (bitbucket website)