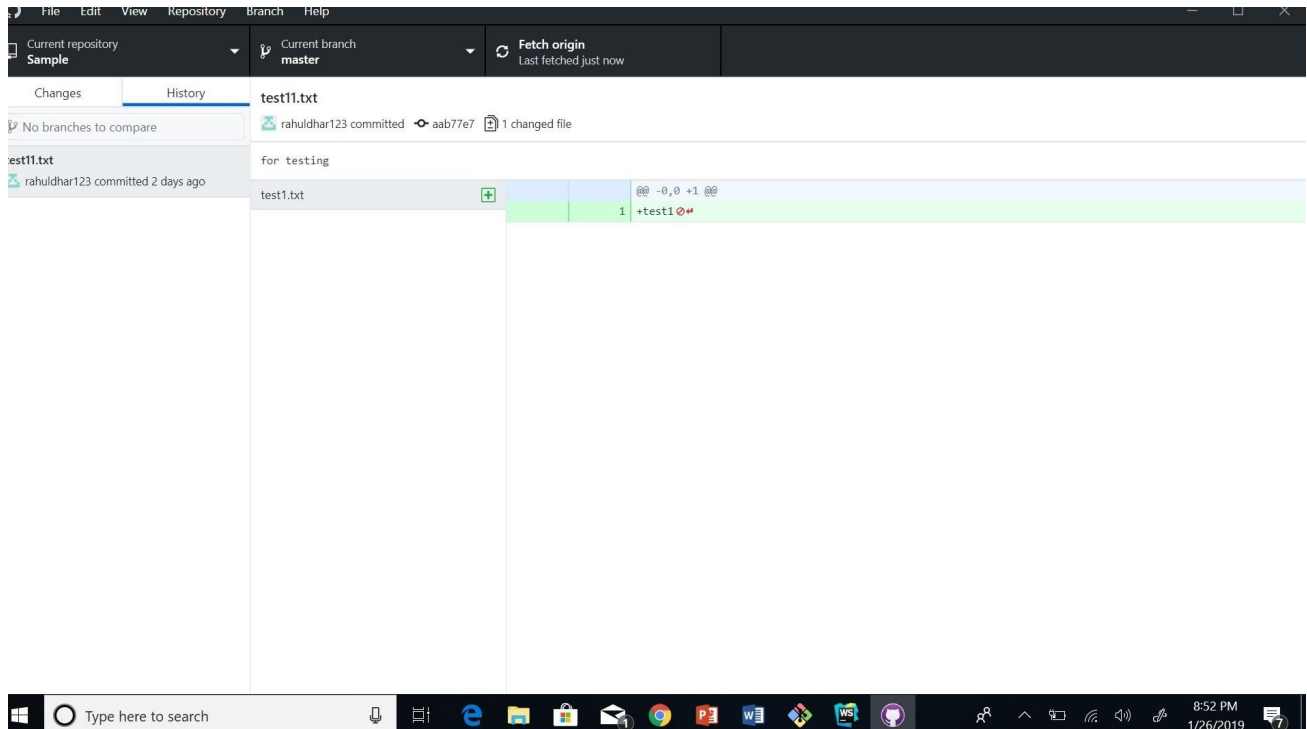


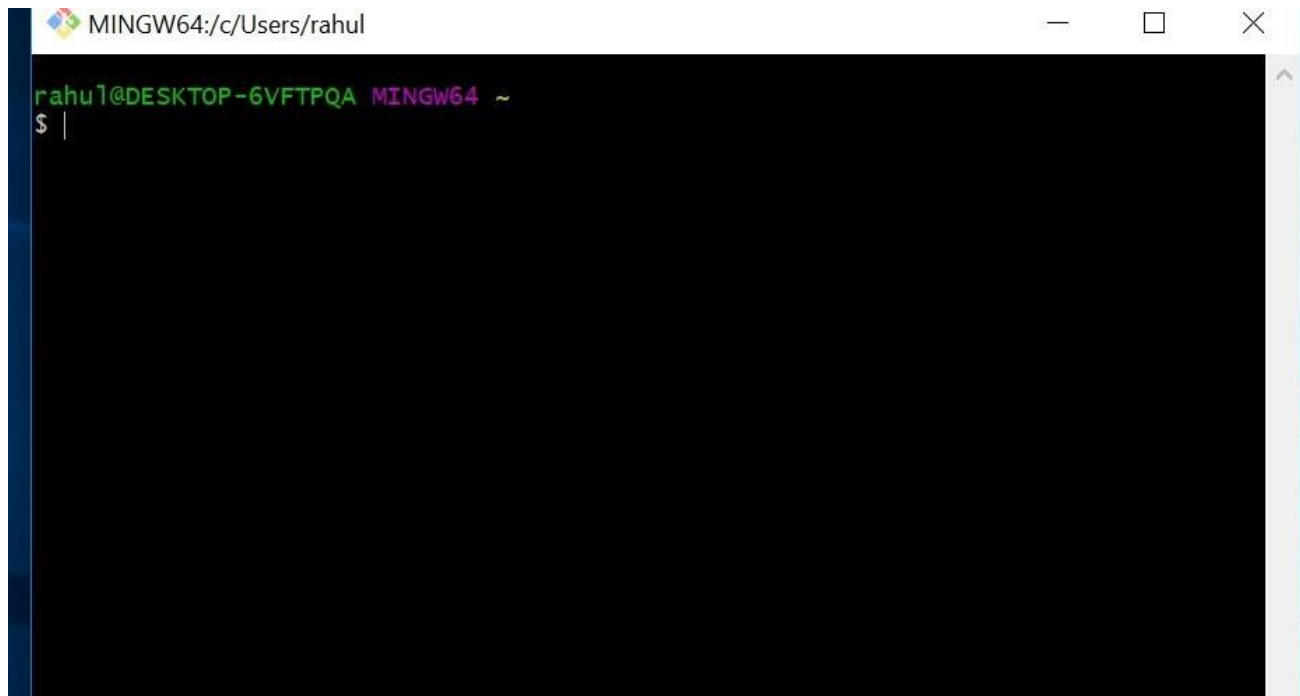
LAB REPORT-1

Github:

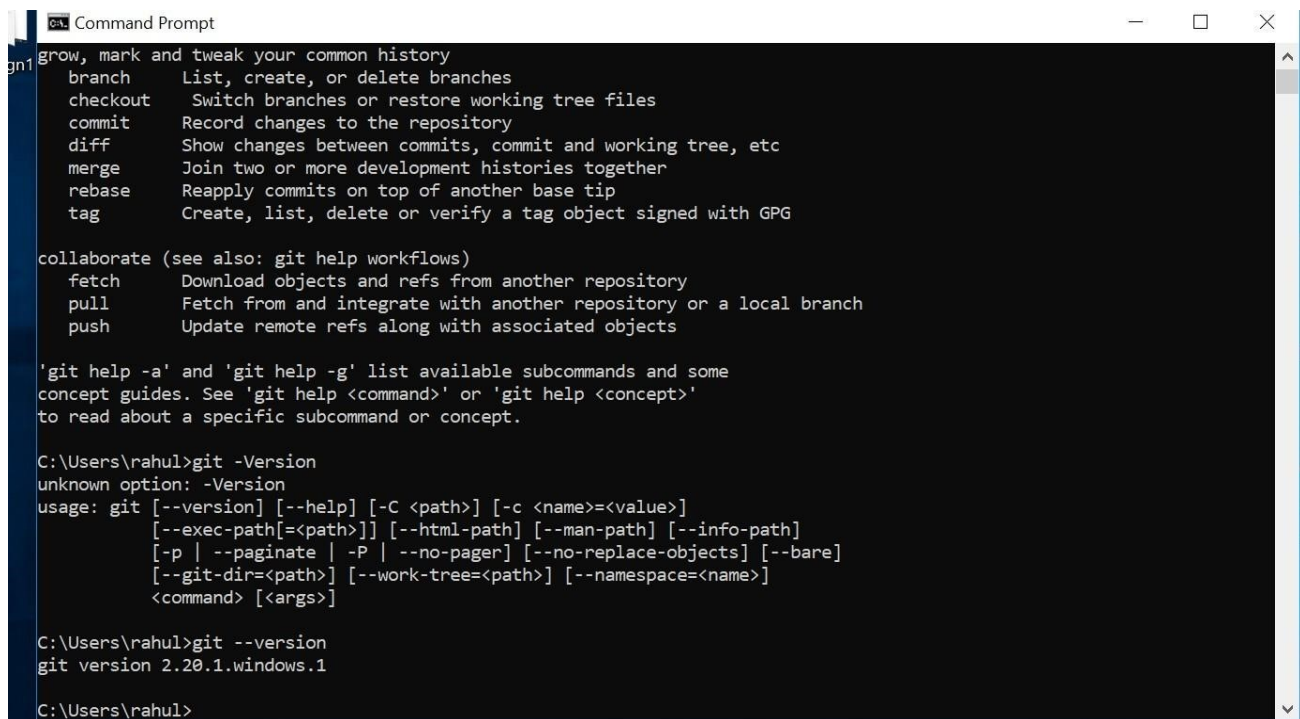


Description: Github is repository place for developers to keep their source code in public or private. A project team can collaborate their piece of code and send it to the master repository as a push request. It enables to create branches and add new features or changes of the existing code without effecting the master. It also help to track the bugs, fixes and enhancements in the project.

Git Shell



A screenshot of a MINGW64 terminal window. The title bar shows 'MINGW64:/c/Users/rahul'. The prompt is 'rahu1@DESKTOP-6VFTPQA MINGW64 ~' followed by a '\$ |' character.



A screenshot of a Windows Command Prompt window. The title bar shows 'Command Prompt'. The text in the window is as follows:

```
gn1 grow, mark and tweak your common history
branch    List, create, or delete branches
checkout  Switch branches or restore working tree files
commit    Record changes to the repository
diff      Show changes between commits, commit and working tree, etc
merge     Join two or more development histories together
rebase    Reapply commits on top of another base tip
tag       Create, list, delete or verify a tag object signed with GPG

collaborate (see also: git help workflows)
fetch     Download objects and refs from another repository
pull      Fetch from and integrate with another repository or a local branch
push      Update remote refs along with associated objects

'git help -a' and 'git help -g' list available subcommands and some
concept guides. See 'git help <command>' or 'git help <concept>'
to read about a specific subcommand or concept.

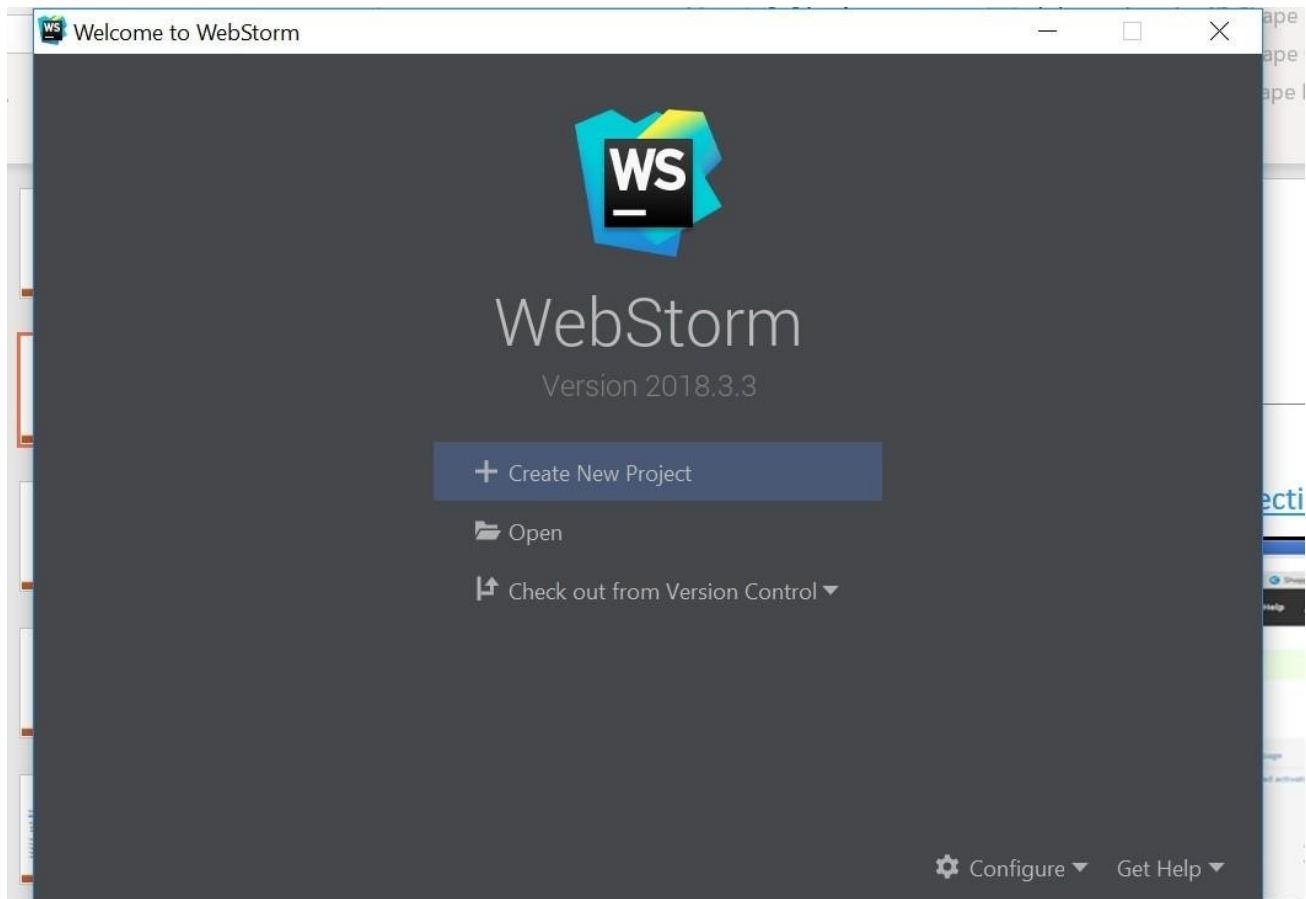
C:\Users\rahul>git -Version
unknown option: -Version
usage: git [--version] [--help] [-C <path>] [-c <name>=<value>]
        [--exec-path[=<path>]] [--html-path] [--man-path] [--info-path]
        [-p | --paginate | -P | --no-pager] [--no-replace-objects] [--bare]
        [--git-dir=<path>] [--work-tree=<path>] [--namespace=<name>]
        <command> [<args>]

C:\Users\rahul>git --version
git version 2.20.1.windows.1

C:\Users\rahul>
```

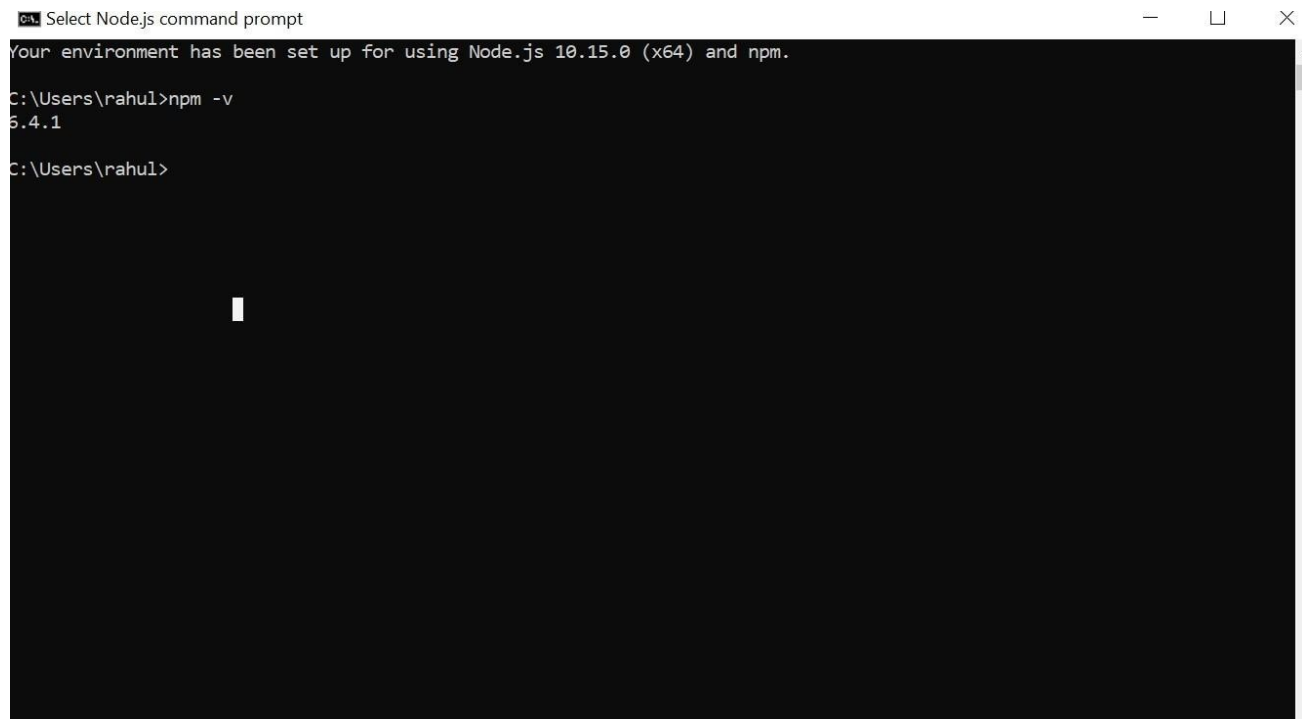
Description: Git shell is command prompt window where we can manually control the features of github.

WEBSTORM:



Description: Webstorm is a coding assistant for java script, frameworks(client-side(Angular.js),server-side(Nodes.js)) and web technologies like HTML5 and CSS.

Node.js and NPM



```

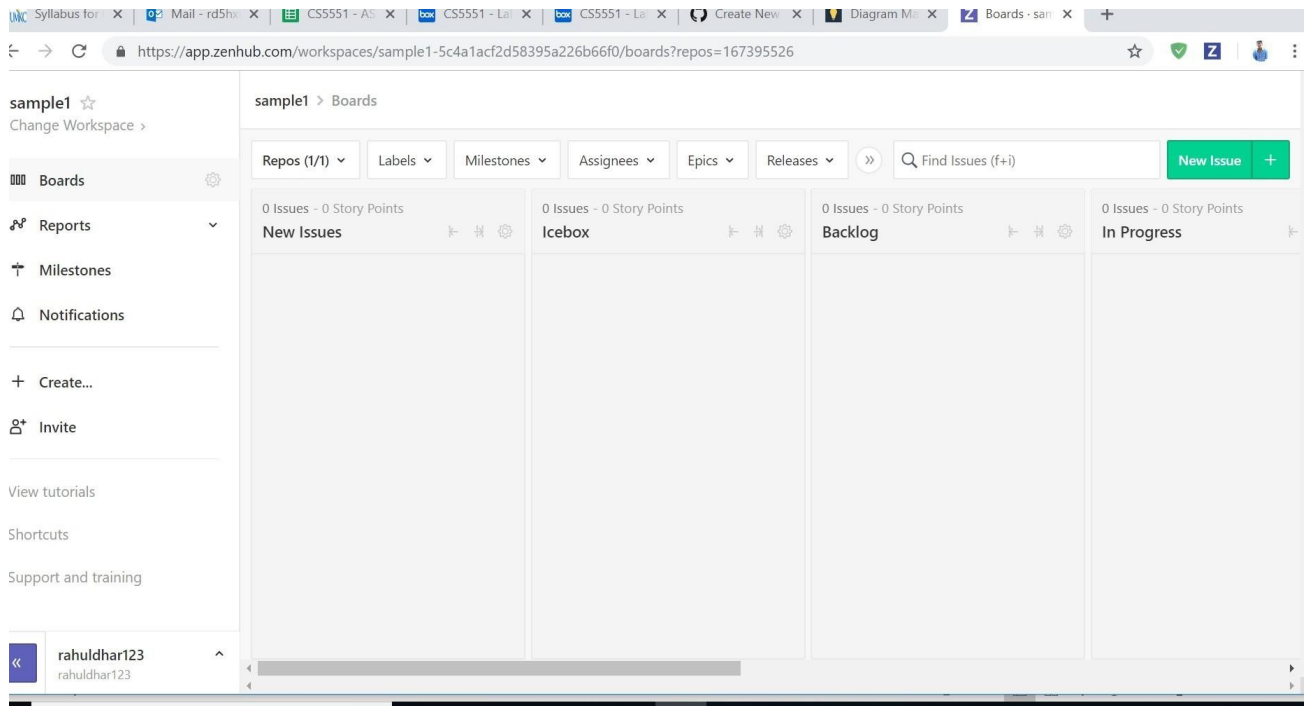
Select Node.js command prompt
Your environment has been set up for using Node.js 10.15.0 (x64) and npm.
C:\Users\rahul>npm -v
6.4.1
C:\Users\rahul>
```

Description:

Node.js: It is an open source java script run time environment, Which executes code outside the browser.

NPM: It enables developers to share their package to a open source repository, Where developers can discover new features code or reuse the code within the team for various projects

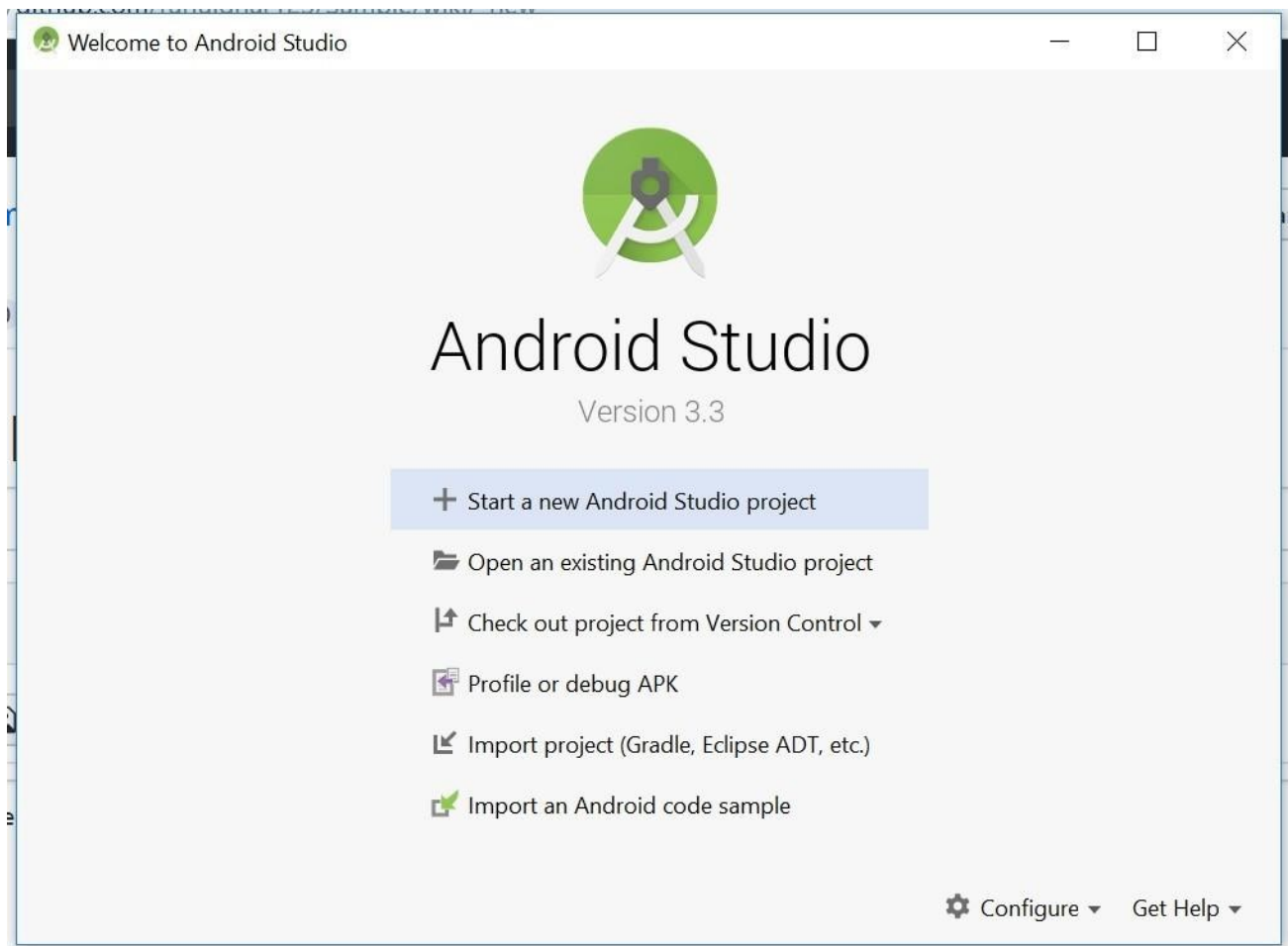
ZENHUB:



Description:

Zenhub is plugin to github, Where we can use it for planning ,issue tracking, enhancements in the form of reports to analyse the project stage.

ANDROID STUDIO



Description:

Android studio is an Integrated development environment used to develop android applications.

IONIC

```
Node.js command prompt

ionic CLI 4.9.0

Usage:
$ ionic <command> [<args>] [--help] [--verbose] [--quiet] [--no-interactive] [--no-color] [--confirm] [options]

Global Commands:

config <subcommand> ..... Manage CLI and project config values (subcommands: get, set, unset)
docs ..... Open the Ionic documentation website
info ..... Print project, system, and environment information
init ..... (beta) Initialize existing projects with Ionic
login ..... Login to Ionic Appflow
logout ..... Logout of Ionic Appflow
signup ..... Create an account for Ionic Appflow
ssh <subcommand> ..... Commands for configuring SSH keys (subcommands: add, delete, generate, list,
                        setup, use)
start ..... Create a new project

Project Commands:

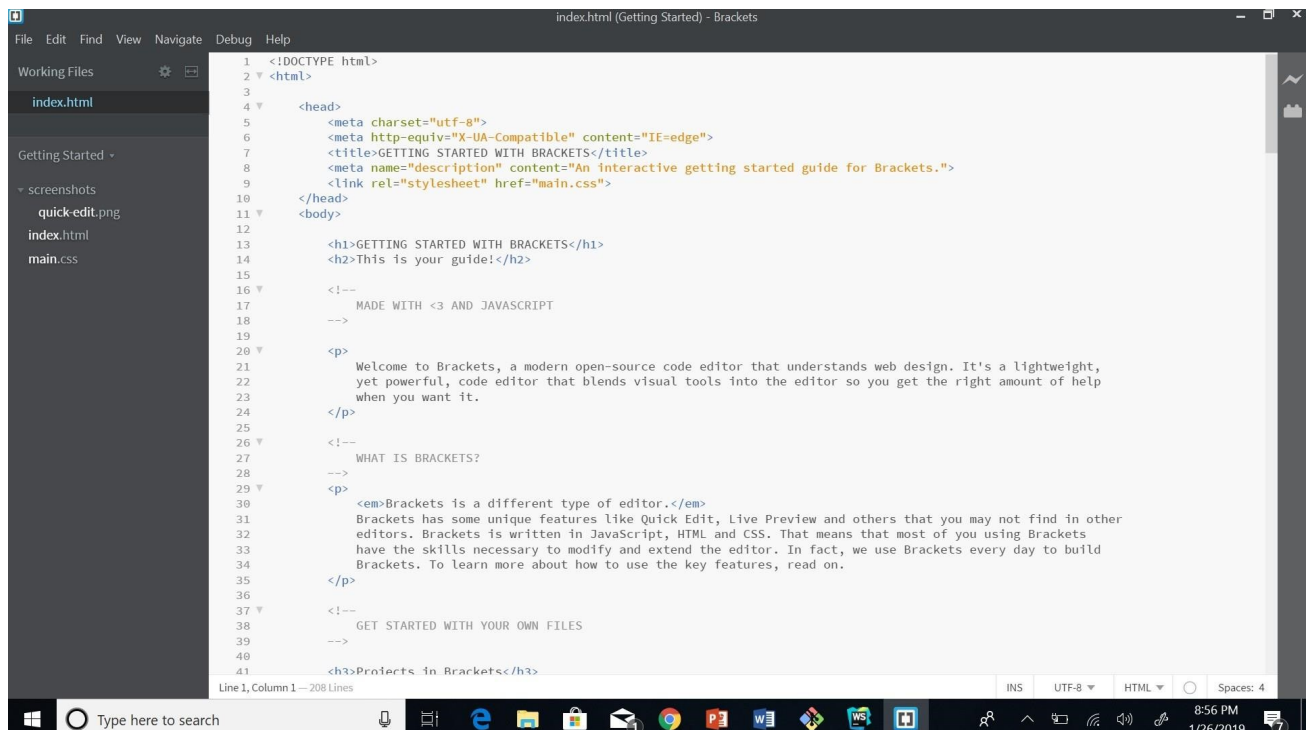
You are not in a project directory.

C:\Users\rahul>
```

Description:

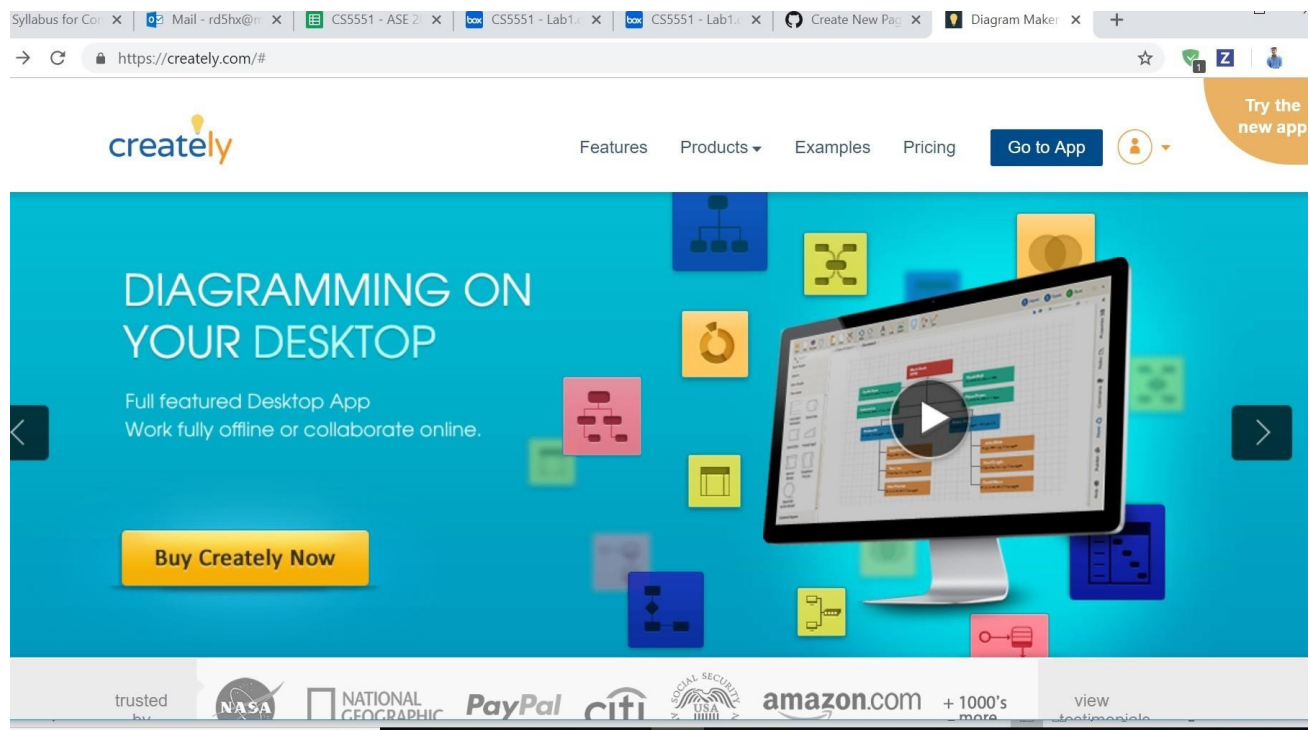
Ionic is a mobile app framework which is used to built mobile applications with a set of CSS classes and JS libraries

BRACKETS



Description: Brackets is text Editor which mainly concentrates on web development. It is written in JS,HTML and CSS.

CREATELY



Description: Creately is a diagramming tool that helps to draw flowcharts, network diagrams and UML diagrams. These UML diagrams are used to analyse the structure and describe the behavior of the system. Some of the UML diagrams include activity diagram, class diagram and use case diagram and so on.