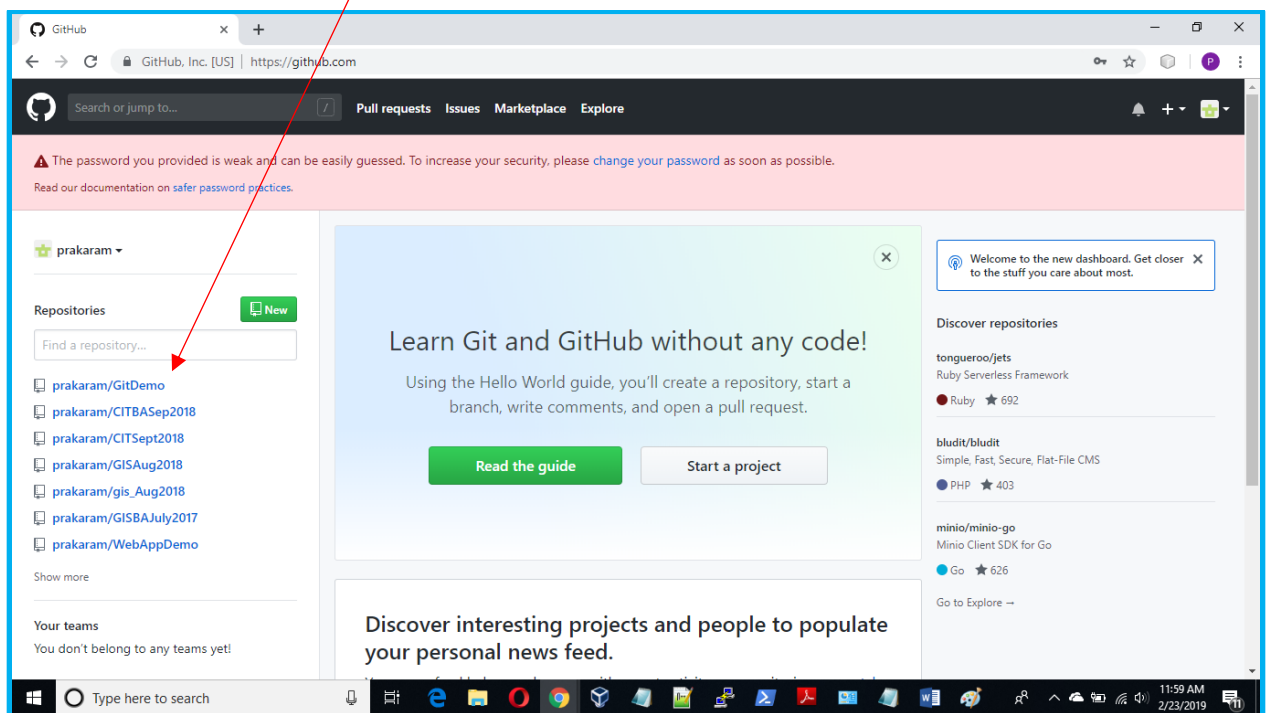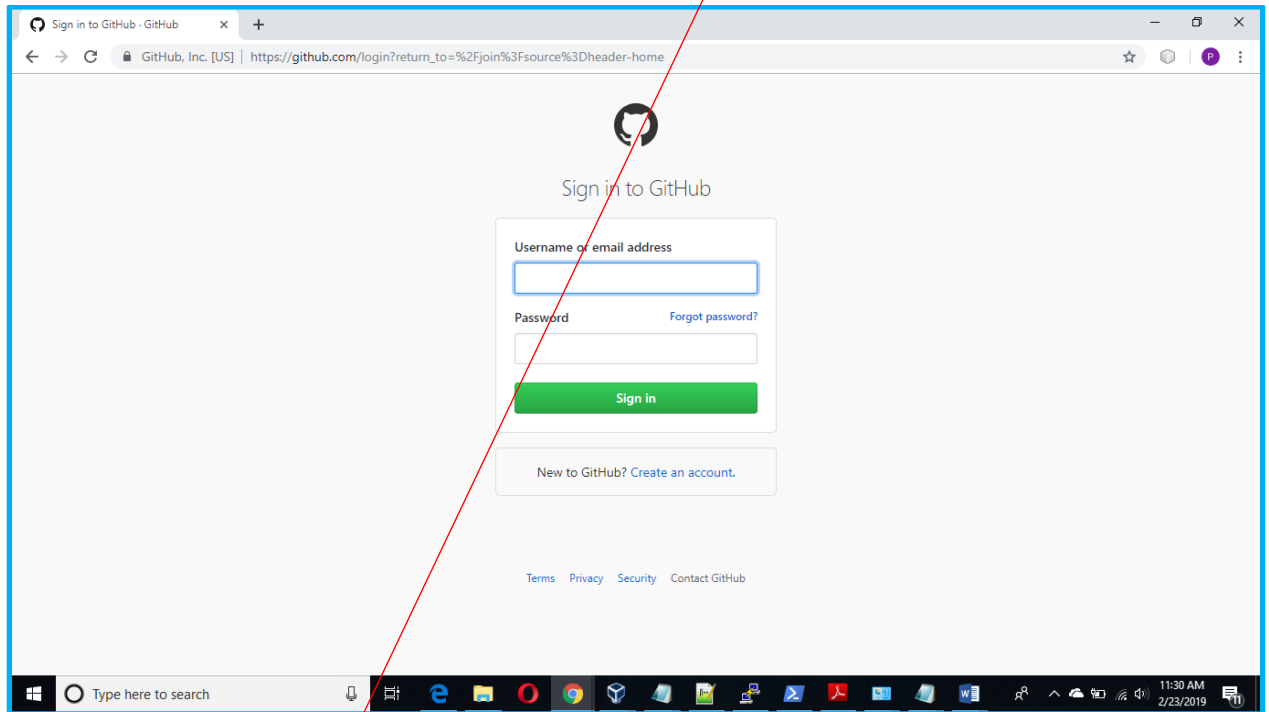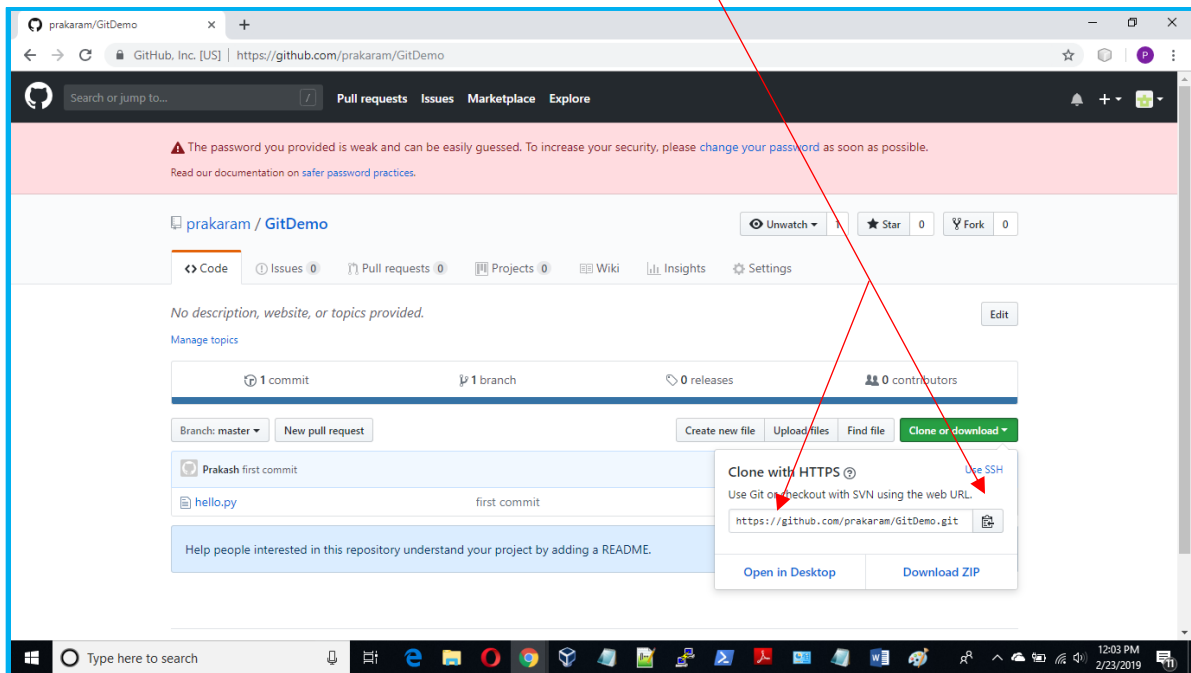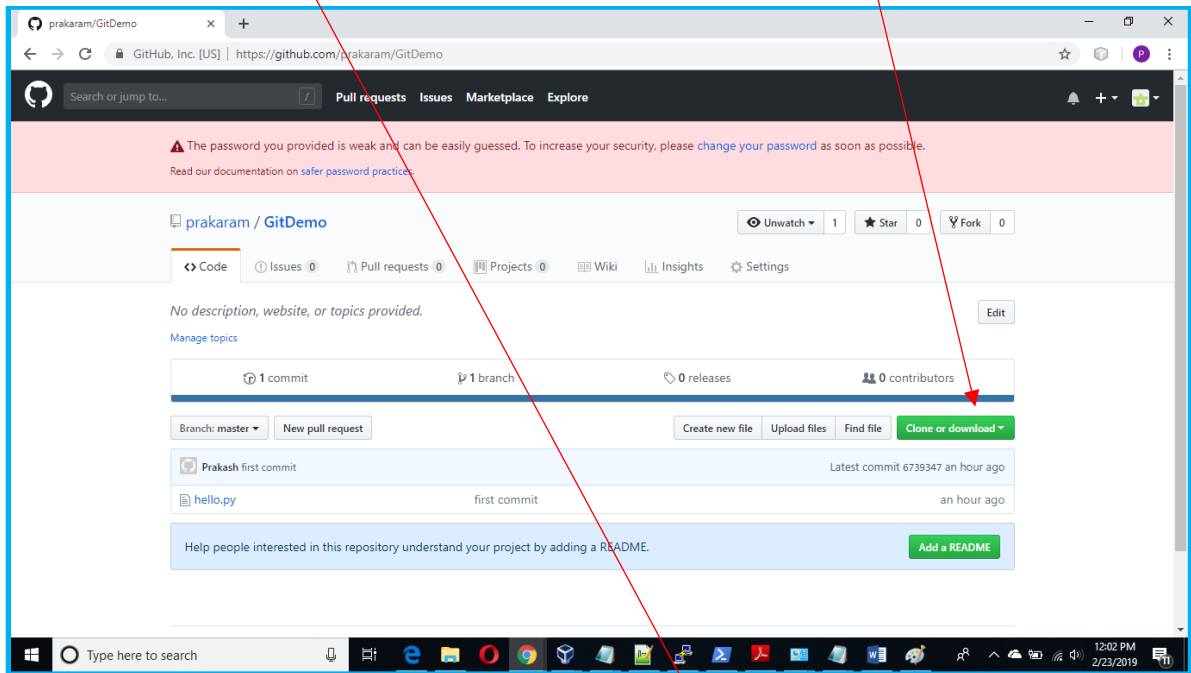1. Login to your GitHub account and get back to remote repository.

2. You are now on home page of remote repository. Get the http url of remote repository by clicking on "Clone or Download" button. Copy the http url to clipboard.

3. Create a new directory.

```
PS D:\lab\Git> mkdir gitrepo


    Directory: D:\lab\Git


Mode                LastWriteTime         Length Name
----                -------------         ------ ----
d-----        2/23/2019  12:41 PM                gitrepo


PS D:\lab\Git> cd .\gitrepo\

PS D:\lab\Git\gitrepo> dir -Force
```

4. Initialize Git local repository.

```
PS D:\lab\Git\gitrepo> git init
Initialized empty Git repository in D:/LAB/Git/gitrepo/.git/

PS D:\lab\Git\gitrepo> dir -Force


    Directory: D:\lab\Git\gitrepo


Mode                LastWriteTime         Length Name
----                -------------         ------ ----
d--h--        2/23/2019  12:41 PM                .git
```

5. Add URL of remote repository from GitHub

```
PS D:\lab\Git\gitrepo> git remote add codelab
https://github.com/prakaram/GitDemo.git

PS D:\lab\Git\gitrepo> cat .git/config
[core]
        repositoryformatversion = 0
        filemode = false
        bare = false
        logallrefupdates = true
        symlinks = false
        ignorecase = true
[remote "codelab"]
        url = https://github.com/prakaram/GitDemo.git
        fetch = +refs/heads/*:refs/remotes/codelab/*
```

6. Pull the code from remote repository to present local repository

```
PS D:\lab\Git\gitrepo> git pull codelab master
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 3 (delta 0), pack-reused 0
Unpacking objects: 100% (3/3), done.
From https://github.com/prakaram/GitDemo
 * branch            master      -> FETCH_HEAD
 * [new branch]      master      -> codelab/master
PS D:\lab\Git\gitrepo> dir -Force


    Directory: D:\lab\Git\gitrepo


Mode                LastWriteTime         Length Name
----                -------------         ------ ----
d--h--        2/23/2019    1:20 PM                .git
-a----        2/23/2019    1:20 PM             21 hello.py


PS D:\lab\Git\gitrepo> type .\hello.py
print ("Hello World")
```

7. Alternately you may also clone the entire remote repository to your local machine, using URL of remote repository.

```
PS D:\lab\Git\gitrepo> cd ../
PS D:\lab\Git>

PS D:\lab\Git> git clone https://github.com/prakaram/GitDemo.git
Cloning into 'GitDemo'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 3 (delta 0), pack-reused 0
Unpacking objects: 100% (3/3), done.
PS D:\lab\Git> dir


    Directory: D:\lab\Git


Mode                LastWriteTime         Length Name
----                -------------         ------ ----
d-----        2/23/2019    1:24 PM                GitDemo

PS D:\lab\Git> cd GitDemo
```

```
PS D:\lab\Git\GitDemo> dir -Force


    Directory: D:\lab\Git\GitDemo


Mode                LastWriteTime         Length Name
----                -------------         ------ ----
d--h--        2/23/2019   1:24 PM                .git
-a----        2/23/2019   1:24 PM             21 hello.py


PS D:\lab\Git\GitDemo> type hello.py
print ("Hello World")
```