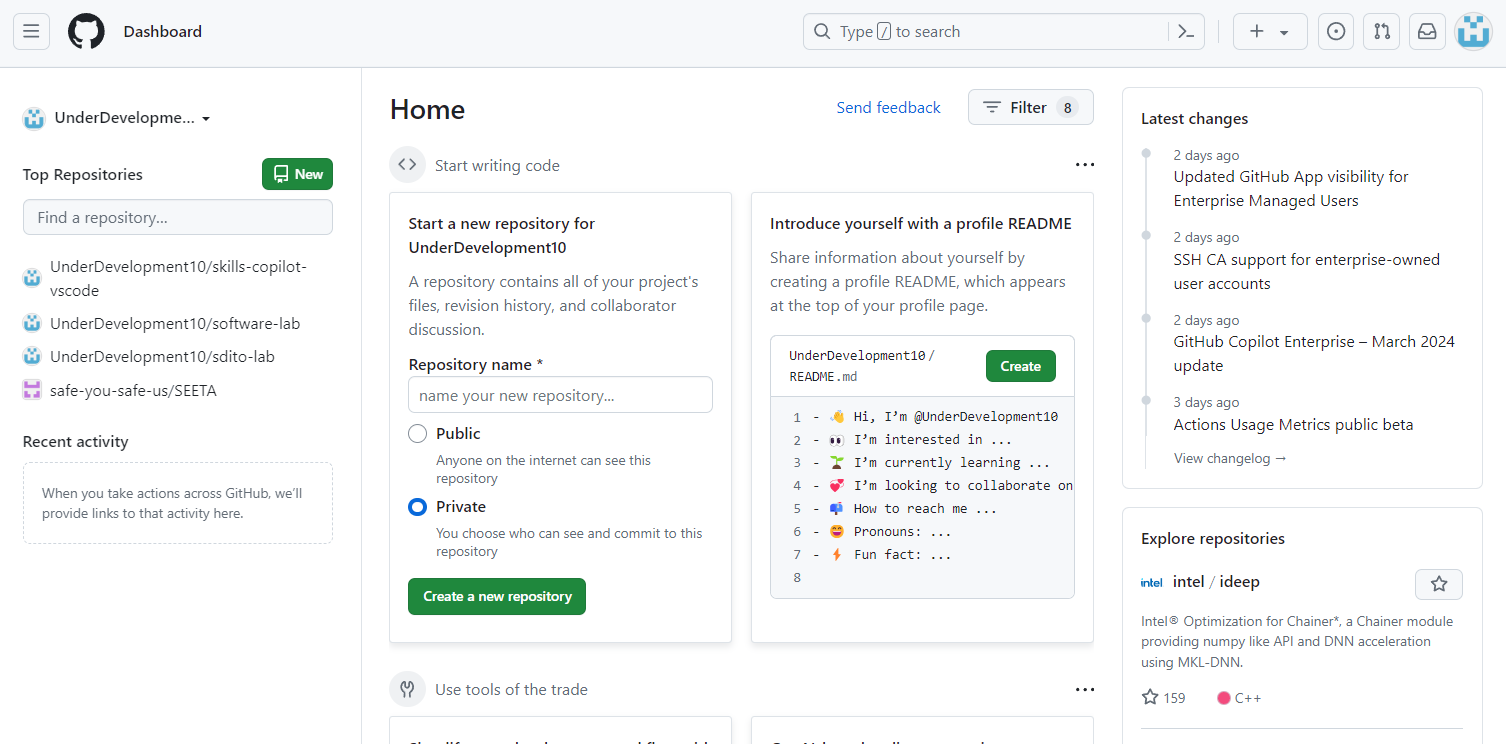
**Assignment – 8**

**Problem Statement:**

**Deploy a project from a local machine to GitHub and vice versa.**

1. First, create a new repository by clicking New.



1. Give repository name and make it public.

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1. Click on Create repository.

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1. Click on Account section and then go to Settings.

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1. Click on Developer settings.

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1. Click on Personal access tokens dropdown, select Tokens(classic). Then, from Generate new tokens, click Generate new token(classic).

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1. In Expiration select No expiration.

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1. In Select scopes select all options and click Generate token.

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1. After generating token click on copy option for token and save it in text document.

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1. Then, go to Control Panel and click on User’s account.

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1. Go to Manage Windows Credentials.

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1. In Generic Credential remove any previous GitHub account.

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1. Now, right click on website folder and open git bash here.

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1. Write all the following commands:
   * git init :– to initialize git repository
   * dir :– to see what files present in folder
   * git add . :– to add all files to git repository
   * git status :– to check status of files(committed or not)
   * git commit –m “Done” :– Commit files with given message
   * git remote add origin https://github.com/UnderDevelopment10/software-lab.git :– to connect remote repository to the local repository
   * git push –u origin master :– to push the commits from local "master" branch to the remote repository named "origin"

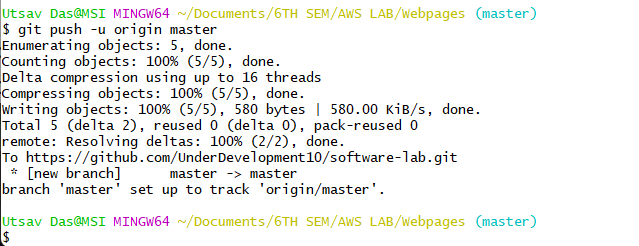
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1. After push command a new window opens. Go to token option, paste the copied token text, and click on Sign in.

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1. Go back to GitHub and enter created repository, where all uploaded files can be seen.

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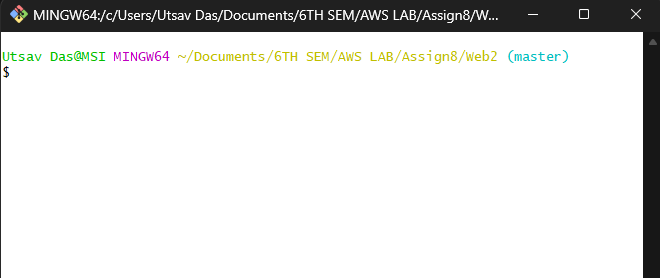
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1. Click on Code and copy Clone HTTPS link.

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1. Make a new folder and open with git bash.



1. Now write all following commands:
   * git init :– to initialize git repository
   * git clone :– to create a copy of a remote Git repository on local machine.

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1. We can see that repository is copied into new folder Web2.

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1. In this way we have deployed a project from local machine to GitHub and vice versa.