Assignment Azure DevOps – Day 24

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**12/12/2024 (Thursday)**

**Getting used to Azure DevOps**

**1. Creating New Repo**

* In left tab go in Repo 🡪 Files
* In bottom click on Initialize

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**2. Clone it into your local file through GitBash**

* Click on Clone and copy command line https
* Open Gitbash and go into the directory in which you want to clone
* Type “git clone (command\_line\_https\_url)”

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**3. Use touch, add, commit and push command in gitbash**

* Use **touch** command to create a file1 in repo in local system
* Use **add** command to add all untracked files
* Use **commit** for all the previously added files to be saved
* Use **push** to update all the changes on drive

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**4. Use Pull request to update your local system’s repo**

* Upload some files into Azure Repo
* Use command “git pull” to load all the changes into your local system

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**5. Create a sample Pipeline**

* In left tab click on **Pipelines** and click on **Create Pipeline.**
* Click **on Azure Repos Git (YAML)** for now.
* Select your package and then choose Starter pipeline in Configuration for now.
* Now review the pipeline and click on **Save and run.**
* Keep your desired setting and click on **Save and run.**
* Pipeline is successfully created and ran.
* For details view **Job.**

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**Azure DevOps Summary**

**1. Repos**

Azure DevOps Repos is a Git repository hosting solution that allows you to store, version control, and manage your code collaboratively. It supports branching, pull requests, and code reviews, enabling teams to streamline their development workflows.

**2. Pipelines**

Azure DevOps Pipelines is a CI/CD service that automates building, testing, and deploying applications across platforms. It integrates with various tools and supports YAML-based configuration, enabling consistent and repeatable delivery pipelines.