

# Cloud Development, 2021 fall. Homework 8

# Report

**Azure DevOps** 

made by Zhuman Rakhat

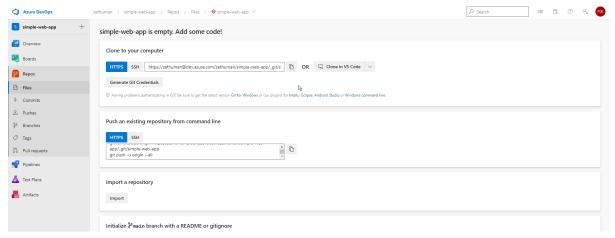
### **Tasks**

- ☑ Create a CI process using Pipelines and a CD process using Releases. You can use pure YAML or Classic way (using graphical interface).
- As a result, your application has to be published as a Azure Web App when Release will be completed.
- Make sure your Azure Web App reflects any changes you are making in your IDE (Visual Studio Code) and committing.

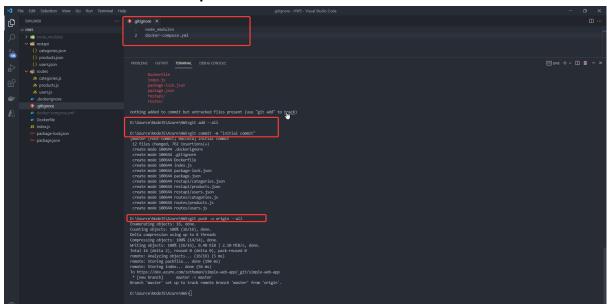
## Extra things

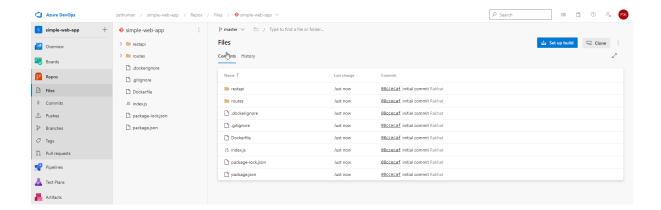
# Report

Create a simple web app (an application created for 5 homework will be used)
Create project in Azure DevOps



## Commit it in the Azure DevOps



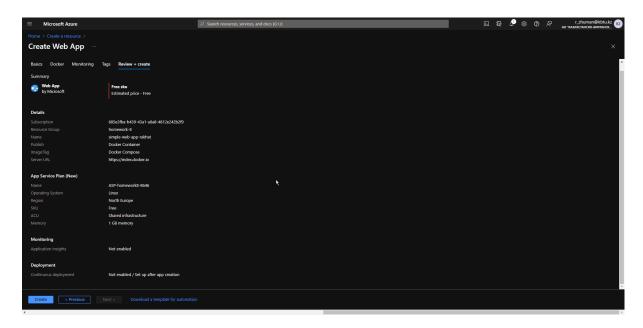


# **Create Web App on Portal**

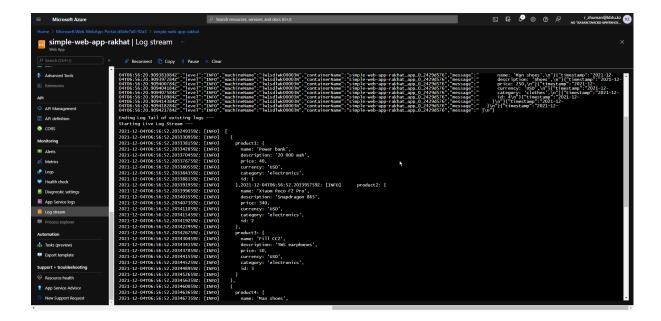
Build and deploy to Docker Hub

```
| D:\Source\Woode35\Xzure\W65\docker build -t zethuman/fakeapi:hu5 .
| | Building 7.7s (10/18) FNISHED | |
| Internal | load build definition from Dockerfile | 6.15 |
| > > > transferring dockerfile: 1638 | 6.8s |
| > > > > transferring dockerfile: 1638 | 6.8s |
| Internal | load .dockeringone | 6.8s |
| Internal | load .dockeringone | 6.8s |
| Internal | load metadata for docker.io/library/node:14-alpine | 6.8s |
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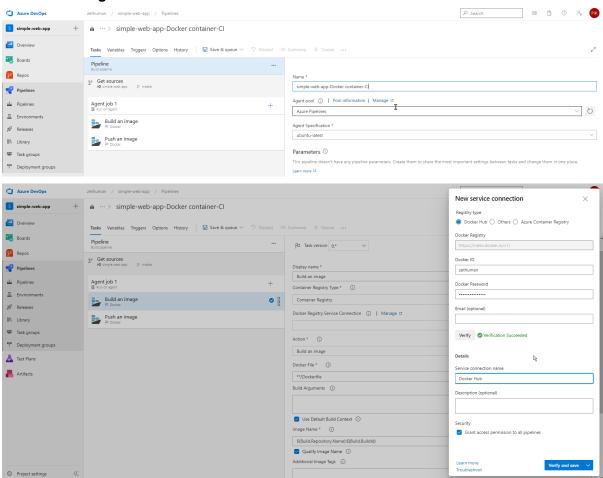
Create web app with container

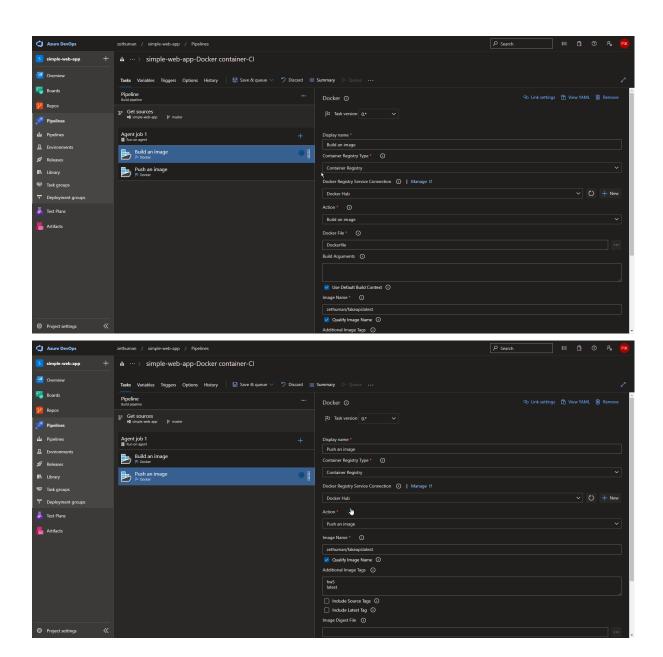


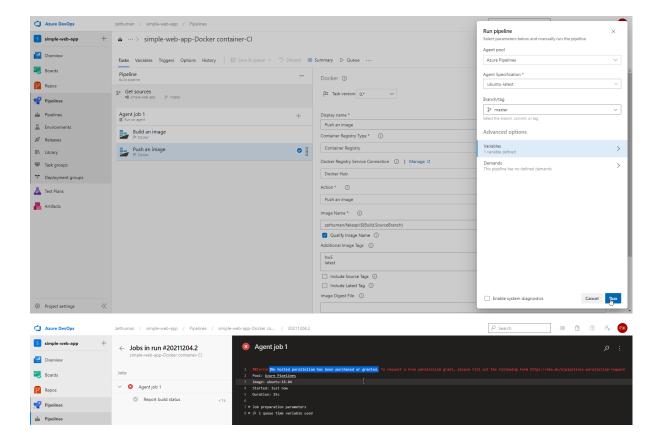
Check logs



# **Create a CI process using Pipelines General settings**

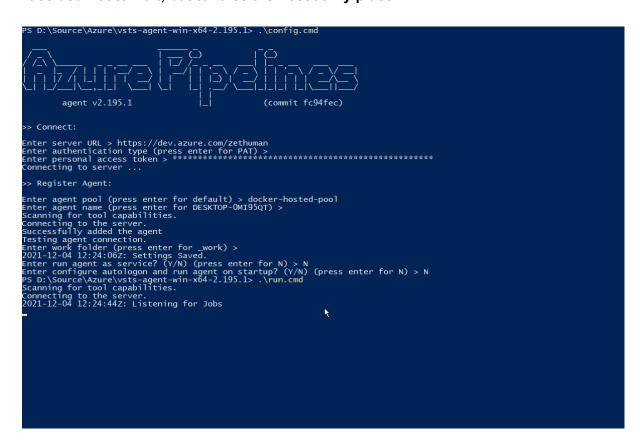


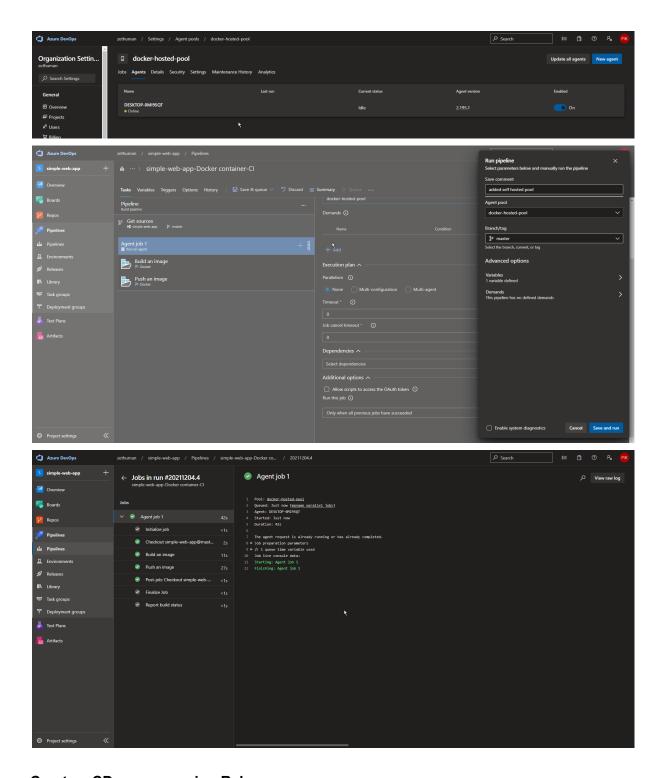




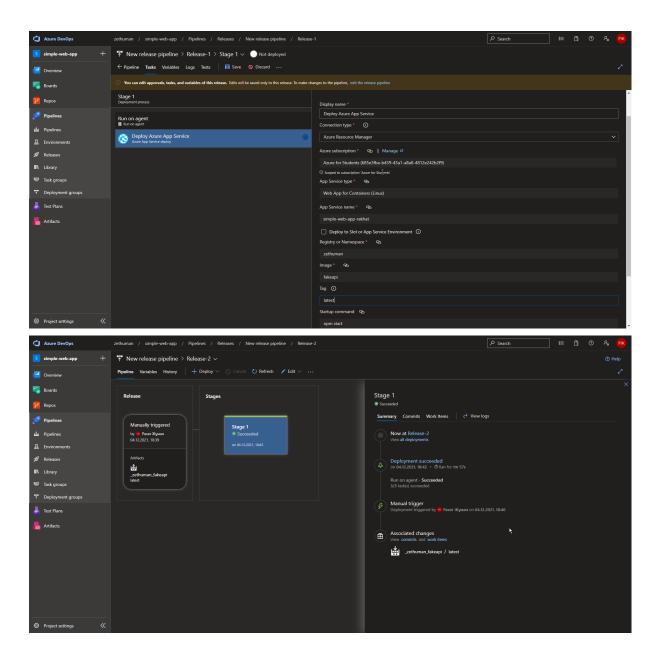
#### !!! Requested form to Microsoft, to access parallelism

## I decided not to wait, but to raise the host at my place

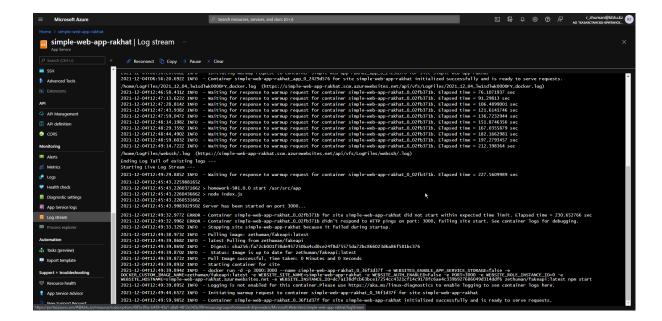




**Create a CD process using Releases** 

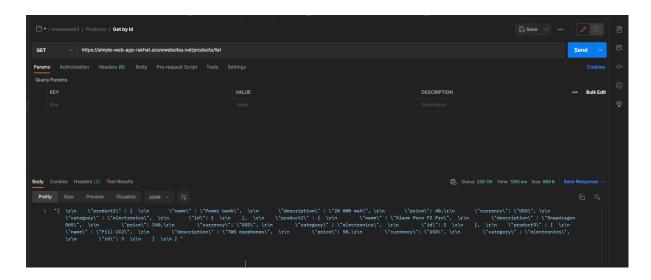


**Tests** 



I will add changes to be sure that it works

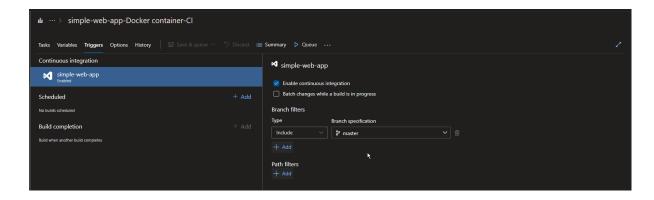
Before commit it return not in JSON format



Fixing and commit



Enabling CI



### Another commit for trigger

```
D:\Source\Node\SVzure\NeSpit add --all

D:\Source\Node\SVzure\NeSpit commit -m "added new product"

[master 5004dSi] added new product

1 file champed, 8 insertions(+)

D:\Source\Node\SVzure\NeSpit push -u or\gin
Enmmerating objects: 7, done.

Counting objects: 1008 (77), done.

Delta compression using up to 8 threads

Compressing objects: 1008 (4/4), dall bytes | 481.00 KB/s, done.

Notiting objects: 1008 (4/4), 481 bytes | 481.00 KB/s, done.

Notiting objects: 1008 (4/4), 481 bytes | 481.00 KB/s, done.

Total 4 (delta 2), reused 0 (delta 0), pack-reused 0

remote: Analyzing objects... (4/4) (9 ms)

remote: Storing packfile... done (49 ms)

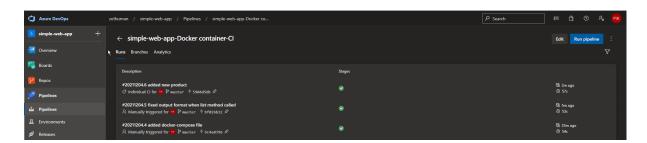
To https://dev.aurue.com/zethuman/simple-web-app/ git/simple-web-app

bf0502...5904dSd master -> master

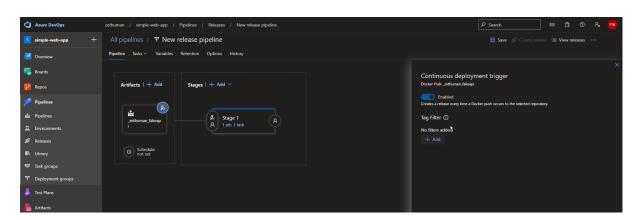
Branch "master" set up to track remote branch 'master' from 'origin'.

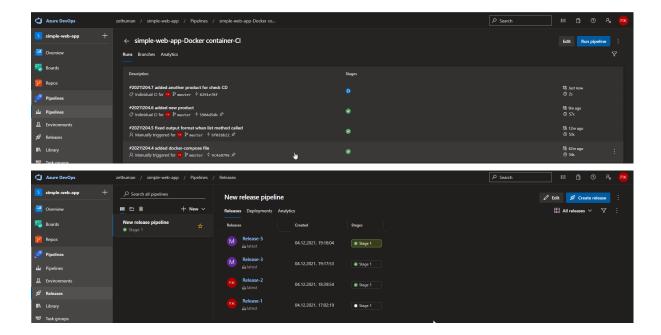
D:\Source\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\Node\S\xture\N
```

### Finally get auto trigger for commit

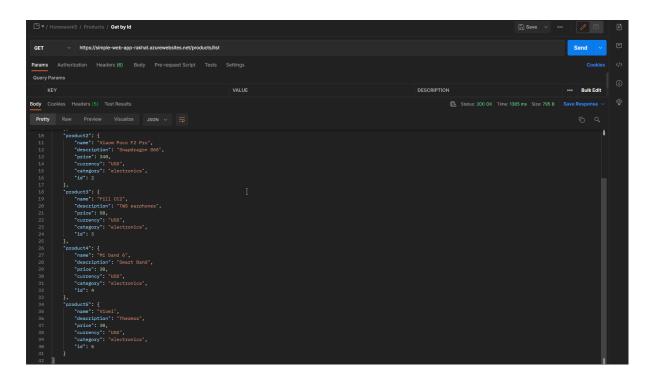


### Added auto CD option





After commit return in JSON format



# Clean up subscription