Terraform :

Tag v01

#### S1 : Create a VM in Azure and prepare for the app

- Take care about the sshkey and network security group

#### S2 : Login (ssh) into the machine using the key

#### S3: Prepare the machine for python and flask

sudo apt update && sudo apt upgrade -y

sudo apt install python3 python3-pip -y

pip3 install flask

sudo apt install git -y

Tag v02

#### S4: Create app dir and flask app as follows:

mkdir flask\_app && cd flask\_app

vi app.py

**Type in the following code:**

from flask import Flask

app = Flask(\_\_name\_\_)

@app.route('/')

def hello\_world():

return 'Hello, World!'

if \_\_name\_\_ == "\_\_main\_\_":

app.run(host='0.0.0.0', port=5000)

**Save and Run the application**

python3 app.py &

**verify it**

curl http://127.0.0.1:5000