Deploy python web application in Azure App Service

- Refer Here for sample
- Let's deploy our applications using Azure CLI
- We have deployed the application using the following commands post cloning the code

```
# creates a resource group
az group create --name webapps --location eastus
# brings up the application
az webapp up --sku B1 --resource-group "webapps" --runtime "PYTHON:3.11" --location "eastus" --
basic-auth Disabled --logs
```

Deploying python web application to aws elastic beanstalk

- For this python has to be installed
- To configure system to communicate with AWS, we need to configure AWS CLI
- For creating IAM User refer classroom video
- Now clone the code from some folder in your system `c:\temp\paas\aws`

```
git clone https://github.com/Azure-Samples/msdocs-python-flask-webapp-quickstart
```

- cd into folder

```
cd msdocs-python-flask-webapp-quickstart
```

- Now to deploy application into elasticbeanstalk we need eb cli Refer Here
- To install eb cli Refer Here
- Create a virtual environment, activate and install dependencies

```
python -m venv .venv
.venv/Scripts/activate
pip install -r requirements.txt
```

- Create a new file in the folder called as `.ebignore` with the following content

```
.venv
```

- Now intialize elastic beanstalk using the following command

```
eb init -p python-3.11 flask-webapp --region ap-south-1
```

- rename app.py to application.py

```
mv app.py application.py
```

- Now create environment using

```
eb create flask-env
```

- Once created execute `eb open`
- Now terminate

```
eb terminate flask-env
```