## **DEVOPS**

## DAY-3

## To create a one Directory

```
.2000,5
e, 1000,5
e, 1000,5
e, 1000,5
eserglubantu:-/ecom/backand5 lbc.
userglubantu:-/ecom/backand5 lbc.
userglubantu:-/ecom/shckand5 d...
userglubantu:-/ecom/shckand5 d...
userglubantu:-/ecom/shckand5 d...
userglubantu:-/ecom/shckand5 sudo apt install nodej5 m.
userglubantu:-/ecom/shckand5 sudo apt install nodej5 m.
userglubantu:-/ecom/shckand5 sudo apt install nodej5 m.
userglubantu:-/ecom/shckand5 sudo apt installed:
bling dependency tree... Done
liding dependency tree... Done
sading state information... Done
he following additional packages will be installed:
binutils binutils-common binutils-x86-64-linux-gnu ge-x86-64-linux-gnu
gy+x86-64-linux-gnu ge-gc-13 gc-13-x86-64-linux-gnu
gy+x86-64-linux-gnu ge-gc-13 gc-13-x86-64-linux-gnu
gyp handlebars jevascript-common libalgorithm-diff-perl libalgorithm-diff-perlamand-diff-perlamand-diff-perlamand-diff-perlamand-diff-perlamand-diff-perlamand-diff-perlamand-diff-perlamand-diff-perlamand-diff-perlamand-diff-perlamand-diff-perlamand-diff-perlamand-diff-perlamand-diff-perlamand-diff-perlamand-diff-perlamand-diff-perlamand-diff-perlamand-diff-perlamand-diff-perlamand-diff-perlamand-diff
```

# To install python:

```
in function fetchProducts() {
    const response = await fetch("http://localhost:5650/product");
    const products = await response.json();
    let output = "chb2/product | klst</h2>eul>";
    products.forEach(product = klsts/h2>eul>";
    output = "clb5(product.name) - $${product.price}
Output:
});
output = "";
document.getElementById("product-list").innerHTML = output;
```

After Creating Python, Create an Backend and store the files,

App.py

#### **Docker**

```
self.gen.throw(typ, value, traceback)
File '/usr/local/ltb/python3.11/site-packages/pip/_vendor/urllb3/response.py', line 443, in _error_catcher
    raise ReadIneoutError(saif_pool, None, 'Mead timed out.')
plp._vendor.urlllb3.exceptions.ReadIneoutError: HTP$ConnectionPool(host='flles.pythonhosted.org', port=443): Read timed out.
The command '/bin/sh - op in install --no-cache-dir -r requirements.txt' returned a non-zero code: 2
(venv) vboxuser@ubuntur=/econ/backent6 sudo docker build -t backend:latest .

DERRECATED: The legacy builder is deprecated and will be removed in a future release.

Install the buildx component to build images with BuildKit:
    https://docs.docker.com/ga/buildxy

Sending build context to Docker doenon 164.1MB
Step 1/7 : FROM python:3.11
--> 18c0f2265f39
Step 2/7 : WoRROIR /main
--> 57363ab65a54
Step 3/7 : COPY requirements.txt .
--> 57363ab65a54
Step 3/7 : COPY requirements.txt .
--> 1819343780df
Step 4/7 : RUN sip install --no-cache-dir -r requirements.txt
--> 1819343780df
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--> 1819343780df
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--> 181934780df
Step 4/7
```

### then build Docker and Run the Docker

## To see the Output, goto the website and put the URL:

then it will display the Json format in website

```
vboxuser@ubuntu:-/scom/backend5 cd ..

vboxuser@ubuntu:-
```

## In **frontend**, Create the files like

#### index.html

## **Build the Docker image in Frontend**

```
---> cfd3a920fbae
Successfully built cfd3a920fbae
Successfully tagged frontend:latest
(venv) vboxuser@buntu:-/ecom/frontends cd ..
(venv) vboxuser@buntu:-/ecom s Andir kBs
(venv) vboxuser@buntu:-/ecom s Andir kBs
(venv) vboxuser@buntu:-/ecom s Company s Co
```

```
[sudo] password for vboxuser:

Sorry, try again.

[sudo] password for vboxuser:

Iqn:1 https://pkg.jenkins.io/debian-stable binary/ InRelease
Hit:2 https://pkg.jenkins.io/debian-stable binary/ Release
Get:3 http://security.ubuntu.com/ubuntu noble-security InRelease [126 kB]
Hit:5 https://n.archive.ubuntu.com/ubuntu noble sacurity/main and64 Components [8,956 B]
Get:6 http://in.archive.ubuntu.com/ubuntu noble-backports InRelease [126 kB]
Get:7 http://security.ubuntu.com/ubuntu noble-security/main and64 Components [8,956 B]
Get:8 http://in.archive.ubuntu.com/ubuntu noble-security/main and64 Components [212 B]
Get:9 http://security.ubuntu.com/ubuntu noble-security/restricted and64 Components [51:9 kB]
Get:11 http://security.ubuntu.com/ubuntu noble-security/universe and64 Components [28 B]
Get:12 http://in.archive.ubuntu.com/ubuntu noble-security/multiverse and64 Components [28 B]
Get:13 http://in.archive.ubuntu.com/ubuntu noble-updates/main and64 Components [212 B]
Get:13 http://in.archive.ubuntu.com/ubuntu noble-updates/maindade Components [212 B]
Get:15 http://in.archive.ubuntu.com/ubuntu noble-updates/multiverse and64 Components [212 B]
Get:15 http://in.archive.ubuntu.com/ubuntu noble-updates/multiverse and64 Components [240 B]
Get:16 http://in.archive.ubuntu.com/ubuntu noble-updates/multiverse and64 Components [240 B]
Get:16 http://in.archive.ubuntu.com/ubuntu noble-backports/restricted and64 Components [240 B]
Get:16 http://in.archive.ubuntu.com/ubuntu noble-backports/main and64 Components [240 B]
Get:18 http://in.archive.ubuntu.com/ubuntu noble-updates/mainduntures/maind
```

## To create an k8s folder in fullstack using mkdir command:

### For deployment use Kubernetes

```
0 upgraded, 0 newly installed, 0 to remove and 68 not upgraded.

(venv) vboxuser@ubuntu:-/econ/kBs$ curl -LO https://storage.googleapis.com/minkube/releases/latest/minkube-linux-amd64
% Total % Received % Xferd Average Speed Time Time Urine Left Speed
93 119M 93 111M 0 0 298k 0 0:06:149 0:06:23 0:00:26 0
curl: (56) Recv fallure: Connection reset by peer
(venv) vboxuser@ubuntu:-/econ/kBs$ curl -LO https://storage.googleapis.com/minkube/releases/latest/minkube-linux-amd64
% Total % Received % Xferd Average Speed Time Time Time Current
0load Upload Total Spent Left Speed
100 119M 100 119M 0 0 119M 0 0 1109k 0 0:01:50 0:01:50 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55 0:01:55
```

```
wboxuser@ubuntu: /scom/kis git clone https://github.com/PadmavathyNarayanan/kubernetes.git

Cloning into Kubernetes'.

renote: Enumerating objects: 22, done.
renote: Counting objects: 180% (22/22), done.
renote: Compressing objects: 180% (22/22), done.
renote: Compressing objects: 180% (22/22), done.
renote: Compressing objects: 180% (22/22), done.

Recolving objects: 180% (22/22), done.

**Voxuser@ubuntu: /scom/kis G ...
**Voxuser@ubuntu: /sc
```



```
## Profile "infikube" not found. Run "infikube profile list" to view all profiles.

| **To Start a cluster, run: "infikube start" |
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