Install minikube and after starting the minikube execute these commands to create the application environment .

```
* kubectl create -f frontend-service.yaml
* kubectl create -f backend-services.yaml
* kubectl create -f backend-deployments.yaml
* kubectl create -f frontend-deployments.yaml
```

To test the endpoints send a post request to both endpoints .

- /reverse endpoint - µ-service-2

```
curl -X POST http://192.168.99.100:32148/reverse -d '{"messages" : "diginex"}' --header
'Content-Type: application/json'
```

- /api endpoint - µ-service-1

```
curl -X POST http://192.168.99.100:31018/api -d '{"messages" : "diginex"}' --header
'Content-Type: application/json'
```

To get the NodePort
```
kubectl get svc -o json | jq -r '.items[] | [.metadata.name,([.spec.ports[].nodePort | tostring ] |
join("|"))] | @csv'
```

```
"Backend","32148" -- /reverse endpoint --  µ-service-2
"Frontend","31018"  -- /api endpoint -- µ-service-1
```