

# POC 9 Microservices - Yash Chowdhary (Java Web)

## 1. Services Running on Console

1	NamingServerApplication (1) [Java Application]
2	TemperatureExchangeApplication8000 [Java Application] C:\Program Files\Java\jdk-15.0.2\bin\javaw.exe (May 28, 2021, 11:34:11 AM)
3	TemperatureConversionServiceApplication [Java Application] C:\Program Files\Java\jdk-15.0.2\bin\javaw.exe (May 28, 2021, 11:35:13 AM)
4	TemperatureExchangeApplication8001 [Java Application] C:\Program Files\Java\jdk-15.0.2\bin\javaw.exe (May 28, 2021, 11:36:34 AM)
5	ApiGatewayApplication [Java Application]

## 2. Eureka Portal (Service List)

DS Replicas

localhost

Instances currently registered with Eureka

Application	AMIs	Availability Zones	Status
API-GATEWAY	n/a (1)	(1)	UP (1) - DESKTOP-SQ99E4A:api-gateway:8765
TEMPERATURE-CONVERSION	n/a (1)	(1)	UP (1) - DESKTOP-SQ99E4A:temperature-conversion:8100
TEMPERATURE-EXCHANGE	n/a (2)	(2)	UP (2) - DESKTOP-SQ99E4A:temperature-exchange:8001 , DESKTOP-SQ99E4A:temperature-exchange:8000

## 3. <http://localhost:8000/temperature-exchange/from/F/to/C>

```
{
  "id": 10002,
  "tempratureFrom": "F",
  "tempratureTo": "C",
  "conversion": -17.2205,
  "enviorenment": "8000"
}
```

## 4. <http://localhost:8000/temperature-exchange/from/C/to/F>

```
{
  "id": 10001,
  "tempratureFrom": "C",
  "tempratureTo": "F",
  "conversion": 33.8,
  "enviorenment": "8000"
}
```

**5. <http://localhost:8100/temperature-conversion/from/C/to/F/value/35.5>**

```
{
  "id": 10001,
  "tempratureFrom": "C",
  "tempratureTo": "F",
  "value": 35.5,
  "conversion": 33.8,
  "calculatedValue": 95.9,
  "enviorenment": "8100"
}
```

**6. <http://localhost:8100/temperature-conversion/from/F/to/C/value/90.5>**

```
{
  "id": 10002,
  "tempratureFrom": "F",
  "tempratureTo": "C",
  "value": 90.35,
  "conversion": -17.2205,
  "calculatedValue": 32.413425,
  "enviorenment": "8100"
}
```

**7. <http://localhost:8100/temperature-conversion-feign/from/F/to/C/value/90.35> with both 8000 and 8001**

```
{
  "id": 10002,
  "tempratureFrom": "F",
  "tempratureTo": "C",
  "value": 90.35,
  "conversion": -17.2205,
  "calculatedValue": 32.413425,
  "enviorenment": "8000 feign client"
}
```

---

```
{
  "id": 10002,
  "tempratureFrom": "F",
  "tempratureTo": "C",
  "value": 90.35,
  "conversion": -17.2205,
  "calculatedValue": 32.413425,
  "enviorenment": "8001 feign client"
}
```

## 8. All above links with 8765 port

← → ↻ ⓘ localhost:8765/temperature-exchange/from/F/to/C

```
▼ {  
  "id": 10002,  
  "tempratureFrom": "F",  
  "tempratureTo": "C",  
  "conversion": -17.2205,  
  "enviorenment": "8000"  
}
```

← → ↻ ⓘ localhost:8765/temperature-exchange/from/C/to/F

```
▼ {  
  "id": 10001,  
  "tempratureFrom": "C",  
  "tempratureTo": "F",  
  "conversion": 33.8,  
  "enviorenment": "8000"  
}
```

← → ↻ ⓘ localhost:8765/temperature-conversion-feign/from/C/to/F/value/35.5

```
▼ {  
  "id": 10001,  
  "tempratureFrom": "C",  
  "tempratureTo": "F",  
  "value": 35.5,  
  "conversion": 33.8,  
  "calculatedValue": 95.9,  
  "enviorenment": "8001 feign client"  
}
```

← → ↻ ⓘ localhost:8765/temperature-conversion-feign/from/F/to/C/value/90.35

```
▼ {  
  "id": 10002,  
  "tempratureFrom": "F",  
  "tempratureTo": "C",  
  "value": 90.35,  
  "conversion": -17.2205,  
  "calculatedValue": 32.413425,  
  "envioremment": "8000 feign client"  
}
```

← → ↻ ⓘ localhost:8765/temperature-conversion/from/F/to/C/value/90.35

```
▼ {  
  "id": 10002,  
  "tempratureFrom": "F",  
  "tempratureTo": "C",  
  "value": 90.35,  
  "conversion": -17.2205,  
  "calculatedValue": 32.413425,  
  "envioremment": "8100"  
}
```

← → ↻ ⓘ localhost:8765/temperature-conversion/from/C/to/F/value/35.5

```
▼ {  
  "id": 10001,  
  "tempratureFrom": "C",  
  "tempratureTo": "F",  
  "value": 35.5,  
  "conversion": 33.8,  
  "calculatedValue": 95.9,  
  "envioremment": "8100"  
}
```