1. What is the command to invoke the slack-request function (4 pts)?

a. Via Curl

**Ans 1. a.) curl -d '{"Hello": "COEN 241"}' http://127.1.0.1:8080/function/slack-request**

b. Via faas-cli

**Ans 1. b.) faas-cli invoke slack-request**

2. What is the output you see when you invoke the slack-request function? (2 pts)

**Ans 2.) Below is the output seen after invoking the slack-request function:**

A picture containing background pattern

Description automatically generated

3. What is the command to invoke the slack-interactive function? (4 pts)

a. Via curl

**Ans 3. a.) curl -d '{"Hello": "COEN 241"}' http://127.1.0.1:8080/function/slack-interactive**

b. Via faas-cli

**Ans 3. b.) faas-cli invoke slack-interactive**

4. What is the output you see when you invoke the slack-interactive function? (2 pts)

**Ans 4.) Below is the output seen after invoking the slack-interactive function:**

A picture containing timeline

Description automatically generated

5. How would you pass different arguments to the functions? (4 pts)

**Ans 5.) There are various of passing different arguments to the functions. For ex: using -d, --data.**

**curl -d ‘{“Hello”:”COEN 241”}’ https://127.1.0.1:8080/function/slack-interactive**

**It sends the specified data in a POST request to the HTTP server, in the same way that a browser does when a user has filled in an HTML form and presses the submit button.**

**echo is also used to pass arguments to the functions as below:**

**echo "Hello, FaaS, world" | faas-cli invoke figlet**

**Here, figlet is invoked using faas-cli. The argument given to the function figlet is “Hello, FaaS, world”.**

**We can also paas arguments from openfaas ui.**

6. How would you change the slack-interactive function to react to different inputs? (4 pts)

**Ans 6.) We can observe that in handler.py (slack-interactive function) urllib is a package in which unquote function is defined. It can be used to URL decode any string. It uses UTF-8 encoding by default. After that, we use json.load() method to parse a valid JSON string i.e. urlstring and convert it into a python dictionary. This is stored inside response. We can find that, after storing it in response, we are not using it anywhere. So we can change the slack-interactive function to react to different inputs by using the response in our program. Since, response is also a python dictionary, it can be used inside the data. So, in this way, when we return json.dumps(data), the function will start reacting to different inputs.**