## **Cloud Computing**

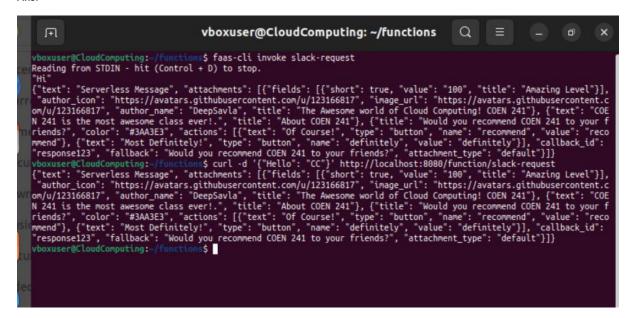
## **Assignment 2 Answers:**

- Q1. What is the command to invoke slack-request function?
  - a. Via Curl
  - b. Via faas-cli

Ans.

- a. Via curl curl -d '{ "Hello": "CC" }' http://127.1.0.1:8080/function/slack-request
- b. Via faas-cli faas-cli invoke slack-request
- Q2. What is the output you see when you invoke the slack-request function?

Ans.

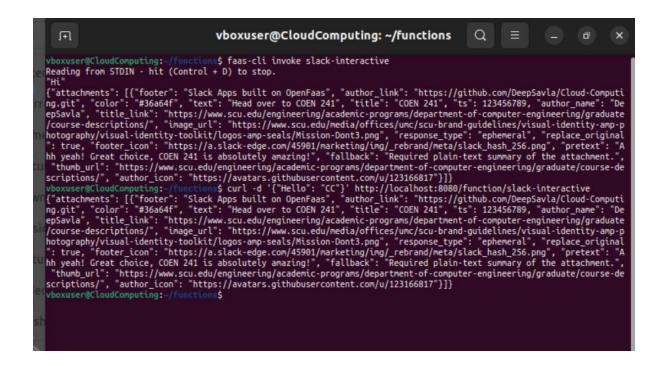


- Q3. What is the command to invoke the slack-interactive function?
  - a. Via Curl
  - b. Via faas-cli

Ans.

- a. Via Curl curl -d '{"Hello": "CC"}' http://127.1.0.1:8080/function/slack-interactive
- b. Via faas-cli faas-cli invoke slack-interactive
- Q4. What is the output you see when you invoke the slack-interactive function?

Ans.



Q5. How would you pass different arguments to the functions?

## Ans.

 There are many ways of passing arguments to functions. For example, in the slack-interactive curl command which is as shown below:

curl -d '{"Hello":"CC"}' https://127.1.0.1:8080/function/slack-interactive The above command sends the specified data in a POST request to HTTP server.

Another way is to use echo, whose example is shown below:

echo "Hello, FaaS World" | faas-cli invoke figlet Here, we invoke the figlet function using faas-cli and the argument given to the function is "Hello,FaaS World".

We can also pass arguments via the openfaas UI.

Q6. How would you change the slack-interactive function to react to different inputs?

## Ans.

We can see that urllib is a package in which the unquote function is defined in handler.py (slack-interactive function). Any string can be converted into a URL using this method. The UTF-8 encoding is the standard. The next step is to convert a valid JSON string, like urlstring, into a Python dictionary using the json.load() method. The answer contains a record of this data. After storing it, we can see that we are not using it anyplace. The slack-interactive function can be updated in our application using the solution to respond to various inputs. Response is likewise a Python dictionary, thus it may be used inside the data. As a result, the function will start responding to different inputs when we return json.dumps(data).