Q1. What is the command to invoke slack-request function?

- Via curl
- Via faas-cli

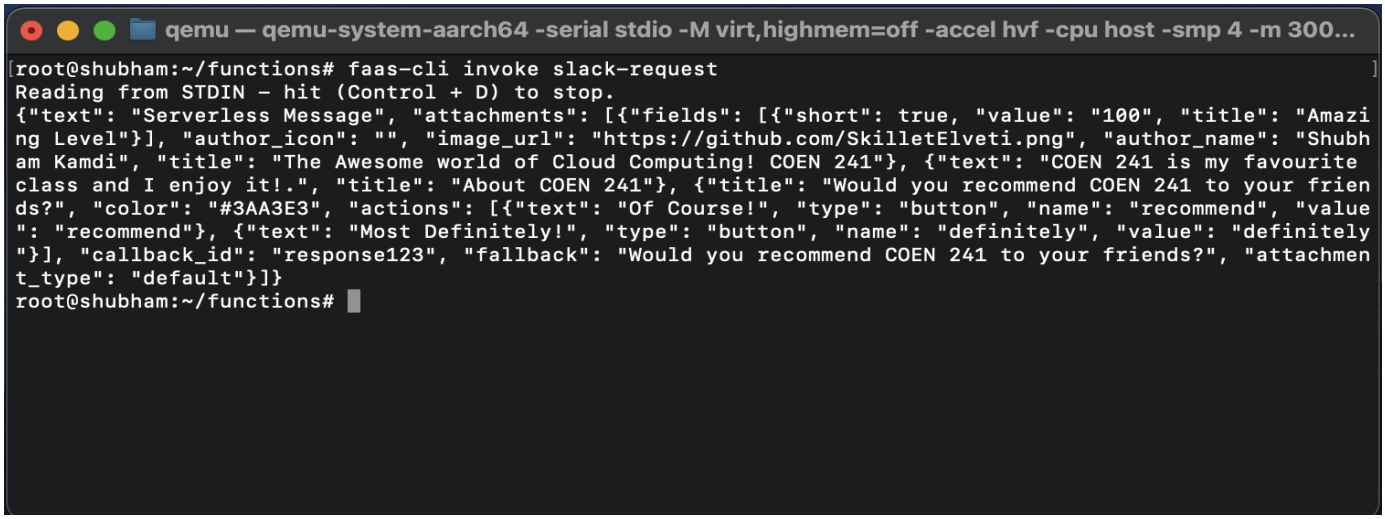
Ans.

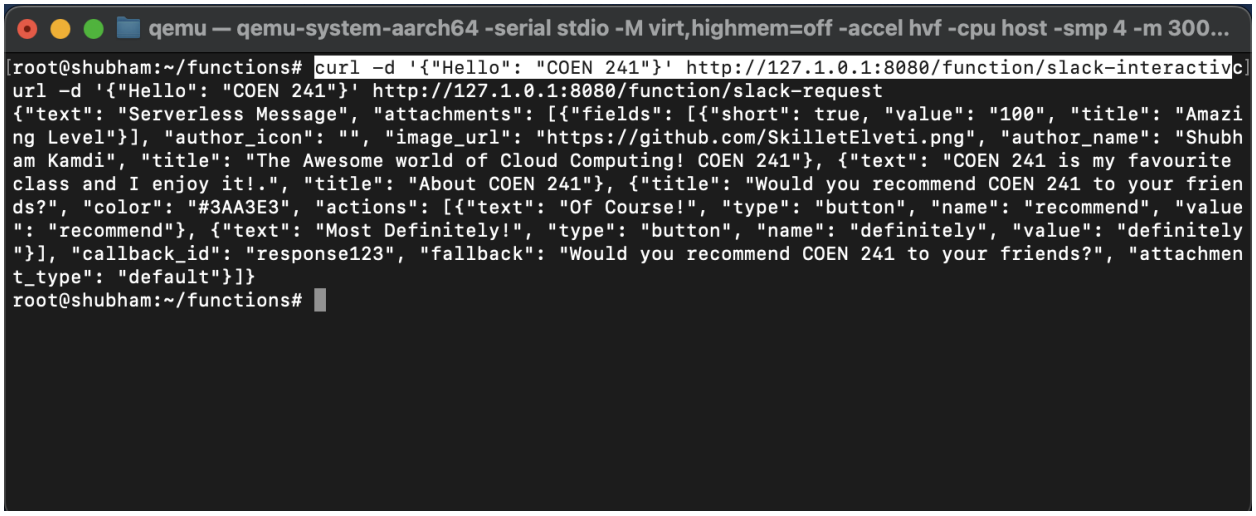
Via curl – *curl -d '{"Hello":" COEN 241"}'http://127.1.0.1:8080/function/slack-request*

Via faas-cli – *faas-cli invoke slack-request*

Q2. What is the output you see when you invoke the slack-request function?

Ans . We get the following outputs after invoking via both curl and slack.

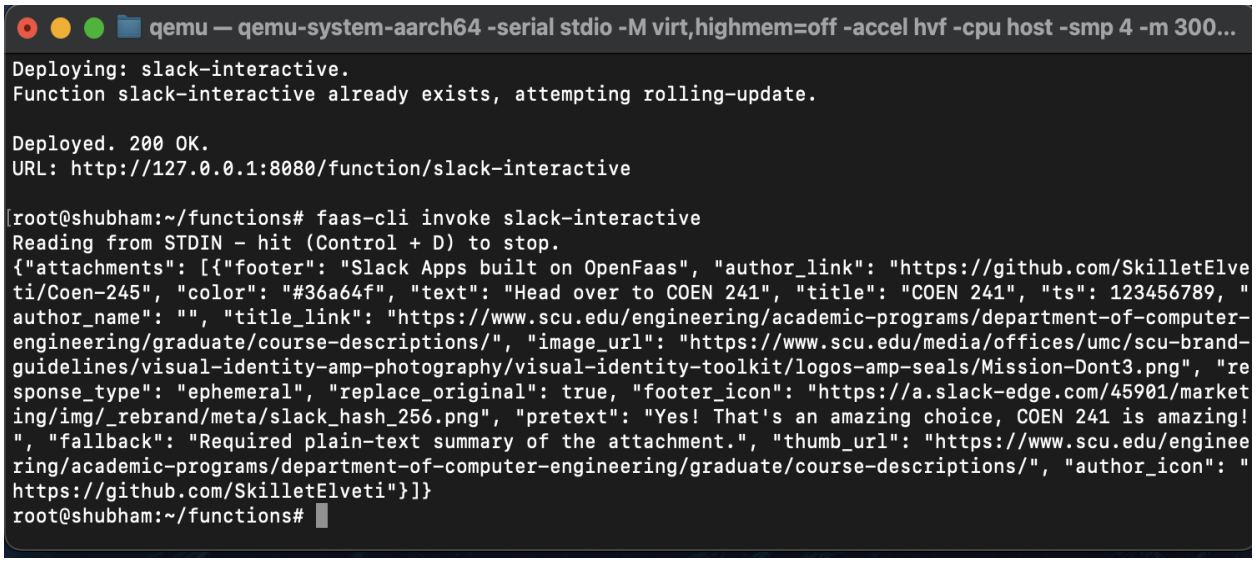




Q3. What is the command to invoke slack-interactive function via curl and faas-cli?

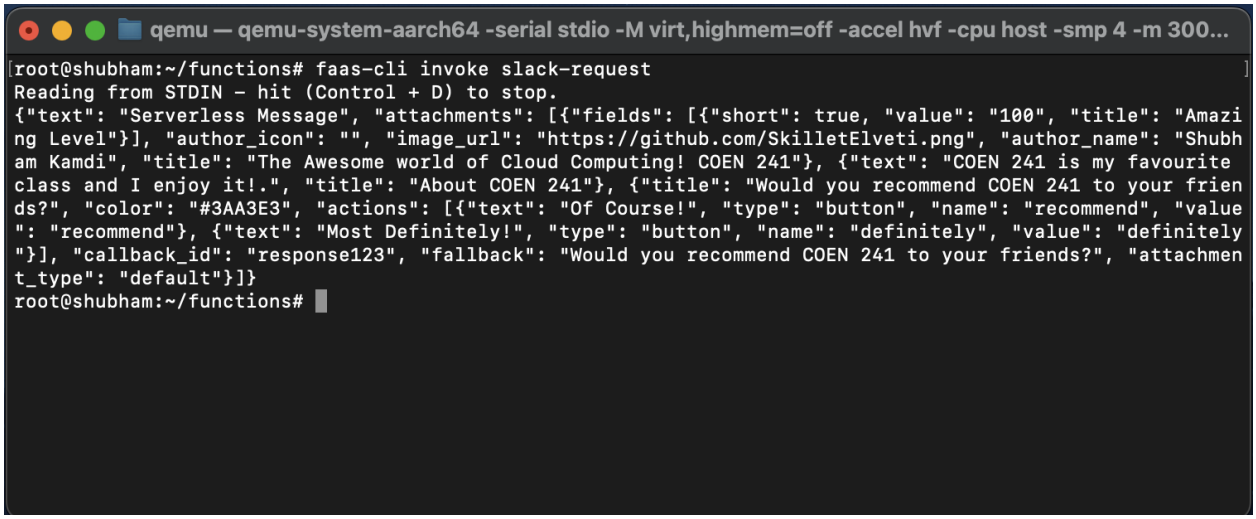
Ans. curl - *curl -d '{"Hello": "COEN 241"}' http://127.1.0.1:8080/function/slack-interactive*

faas-cli – *faas-cli invoke slack-interactive*



Q4. What is the output seen after invoking slack-interactive function?

Ans. The following output is observed after invoking the function via both curl and faas cli.



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

Passing arguments to functions can be done in several ways. One way is demonstrated by the Slack interactive curl command, which sends specified data as a POST request to an HTTP server. Another way is by using the echo command, as shown in the example where the figlet function is invoked using the argument "Hello, FaaS World". Arguments can also be passed through the OpenFaaS UI.

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

The package urllib contains the function unquote, which can decode a string into a URL using the default encoding of UTF-8. In the Slack-interactive function, this function is defined in the handler.py file. Additionally, the json.load() method is used to convert a valid JSON string into a Python dictionary, which is then saved in the response variable. However, the response variable is not currently being used anywhere else in the program.
If we wanted to update the Slack-interactive function to respond to different inputs, we could use the information stored in the response variable. Specifically, we could incorporate the response variable into the data dictionary, which is also a Python dictionary. This would allow the function to react to various inputs when we return json.dumps(data).