

Assignment 2

Questions

1. Command to invoke the slack-request function (4 pts)?

a. Via Curl

curl localhost:8080/function/slack-request

b. Via faas-cli

faas-cli invoke slack-request

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

```
{
  "text": "Serverless Message",
  "attachments": [
    {
      "fields": [
        {
          "short": true,
          "value": "100",
          "title": "Amazing Level!"
        }
      ],
      "author_icon": "https://avatars.githubusercontent.com/u/59609825?s=400&u=b8b4be5883770c8cf1b359a96be7fb10bc97e2do&v=4",
      "image_url": "https://cdni.rbth.com/rbthmedia/images/2021.05/original/60b4cf1d85600a4427115002.jpg",
      "author_name": "Ashish",
      "title": "The Awesome world of Cloud Computing! COEN 241"
    },
    {
      "text": "COEN 241 is the most awesome class ever !.",
      "title": "About COEN 241"
    },
    {
      "text": "Would you recommend COEN 241 to your friends?",
      "color": "#3AA3E3",
      "actions": [
        {
          "text": "Of course!",
          "type": "button",
          "name": "recommend",
          "value": "recommend"
        },
        {
          "text": "Most Definitely!",
          "type": "button",
          "name": "definitely",
          "value": "definitely"
        }
      ],
      "callback_id": "response123",
      "fallback": "Would you recommend COEN 241 to your friends?",
      "attachment_type": "default"
    }
  ]
}
```

3. What is the command to invoke the slack-interactive function?

a. Via curl

curl localhost:8080/function/slack-interactive -d {}

b. Via faas-cli

faas-cli invoke slack-interactive

4. What is the output you see when you invoke the slack-interactive function?

```
{
  "attachments": [
    {
      "footer": "Slack Apps built on OpenFaas",
      "author_link": "https://github.com/Ashishk67/hw2faas",
      "color": "#36a64f",
      "text": "Head over to COEN 241",
      "title": "COEN 241",
      "ts": 123456789,
      "author_name": "Ashish",
      "title_link": "https://www.scu.edu/engineering/academic-programs/department-of-computer-engineering/graduate/course-descriptions/",
      "image_url": "https://www.scu.edu/media/offices/umc/scu-brand-guidelines/visual-identity-amp-photography/visual-identity-toolkit/logos-amp-seals/Mission-Dont3.png",
      "response_type": "ephemeral",
      "replace_original": true,
      "footer_icon": "https://a.slack-edge.com/45901/marketing/img/rebrand/meta/slack_hash_256.png",
      "pretext": ""
    }
  ]
}
```

"Ahh yeah! Great choice, COEN 241 is absolutely amazing!", "fallback": "Required plain-text-summary of the attachment.", "thumb_url":
"https://www.scu.edu/engineering/academic-programs/departments/departments-of-computer-engineering/graduate/course-descriptions/", "author_icon": "https://avatars.githubusercontent.com/u/59609825?s=400&u=b8b4be5883770c8cf1b359a96be7fb10bc97e2do&v=4"}}}

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

if we are using the curl command, we can pass arguments using the -d option and if we are using the openfaas UI we can type them straight in the boxes meant for arguments.

6. The slack interactive function can be tweaked by modifying the different parameters in the handler.py file inside the slack-interactive folder.