

Step 8: Questions (20 pts)

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

a. Via Curl

```
curl -X POST http://localhost:8080/function/slack-request
```

b. Via faas-cli

```
sudo faas-cli invoke slack-request
```

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

```
{
  "text": "Serverless Message",
  "attachments": [
    {
      "fields": [
        {
          "short": true,
          "value": "100",
          "title": "Amazing Level"
        }
      ],
      "author_icon": "",
      "image_url": "https://www.voonami.com/wp-content/uploads/2019/03/Cloud-Icon.png",
      "author_name": "Aanchal Rai",
      "title": "The Awesome world of Cloud Computing! COEN 241"
    },
    {
      "text": "COEN 241 is the most awesome class ever!.",
      "title": "About COEN 241"
    },
    {
      "title": "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? (4 pts)

a. Via curl

```
curl -d '{"Hello": "COEN 241"}' -X POST http://localhost:8080/function/slack-interactive
```

b. Via faas-cli

```
echo '{"Hello": "COEN 241"}' | sudo faas-cli invoke slack-interactive
```

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

```

{
  "attachments": [
    {
      "footer": "Slack Apps built on OpenFaas",
      "author_link": "https://github.com/aanch-rai",
      "color": "#36a64f",
      "text": "Head over to COEN 241",
      "title": "COEN 241",
      "ts": 123456789,
      "author_name": "Aanchal Rai",
      "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/department-of-computer-engineering/graduate/course-descriptions/",
      "author_icon": "https://github.com/aanch-rai.png"
    }
  ]
}

```

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

- We can pass different arguments/parameters using “-d” and echo to the function call.

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

- In order to change the function to react to different inputs, we need to take the Inputs into a dictionary. We need to add it to the dictionary as a key-value pair.