

Question 6

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

Curl

Curl <http://localhost:8080/function/slack-request>

Fass-cli

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.gstatic.com/webp/gallery3/1.png",
      "author_name": "Jil Patel",
      "title": "The Awesome world of Cloud Computing! COEN 241",
      "text": "COEN 241 is the most awesome class ever!.",
      "title": "About COEN 241",
      "color": "#3AA3E3",
      "actions": [
        {
          "text": "of Course!",
          "type": "button",
          "name": "recommend",
          "value": "recommended",
          "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)

Curl

Curl <http://localhost:8080/function/slack-interactive>

Faas-cli

faas-cli invoke slack-interactive

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



```
{
  "attachments": [
    {
      "footer": "Slack Apps built on OpenFaas",
      "author_link": "https://www.github.com/jilpatel122",
      "color": "#36a64f",
      "text": "Head over to COEN 241",
      "title": "COEN 241",
      "ts": "123456789",
      "author_name": "",
      "title_link": "https://www.scu.edu/engineering/academic-programs/department-of-computer-engineering/graduate/course-description/",
      "image_url": "https://www.scu.edu/media/offices/umc/scu-brand-guidelines/visual-identity-amp-photography/visual-identity-toolkit/logos-emp-seals/mision-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-description/",
      "author_icon": "https://avatars.githubusercontent.com/u/45900898?s=400&v=4"
    }
  ]
}
```

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

We can do it using stdin

curl : <http://localhost:8080/function/><function-name> -d <data-string>

Via echo: "echo <json string> | faas-cli invoke <function>

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

To get different input string we will pass it from input params and then using the pipe we can send it as an input to the handler function. In handler function we use `json.loads` to format the input string and then we will return the response using `JSON.dumps`