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" , echo and STDIN to the function call.
- In Yaml file we can specify build options, environmental variables, etc as configuration for the function

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.