• Provide a screenshot of invoking the figlet function (10 pts)

• Complete slack-request/handler.py (20 pt)

• Complete slack-interactive/handler.py (20 pt)

```
andyhsuch@241hwr-functions/slack-interactive

(GNI pmod 4.8 hondler.py

Import jon

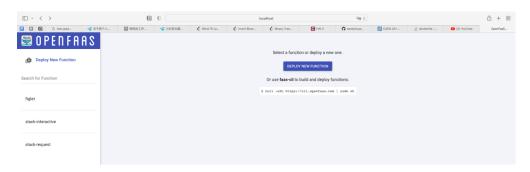
Import
```

Provide a screenshot of running the following command (10 pts)

```
sudo journalctl -u faasd --lines 40
```

```
May 10 22:51:52 241hw faasd[773]: 2022/05/10 22:51:52 Created container: basic-auth-plugin
May 10 22:51:52 241hw faasd[773]: 2022/05/10 22:51:52 basic-auth-plugin has IP: 10.62.0.4
May 10 22:51:53 241hw faasd[773]: 2022/05/10 22:51:53 Task: basic-auth-plugin Container: basic-auth-plugin
May 10 22:51:53 241hw faasd[773]: 2022/05/10 22:51:53 Task: basic-auth-plugin Container: basic-auth-plugin
May 10 22:51:53 241hw faasd[773]: 2022/05/10 22:51:53 Created container: gateway
May 10 22:51:53 241hw faasd[773]: 2022/05/10 22:51:53 gateway has IP: 10.62.0.5
May 10 22:51:53 241hw faasd[773]: 2022/05/10 22:51:53 Task: gateway
Container: gateway
May 10 22:51:53 241hw faasd[773]: 2022/05/10 22:51:53 Task: gateway
Container: gateway
May 10 22:51:53 241hw faasd[773]: 2022/05/10 22:51:53 Task: gateway
Container: gateway
May 10 22:51:53 241hw faasd[773]: 2022/05/10 22:51:53 Created container: queue-worker
May 10 22:51:54 241hw faasd[773]: 2022/05/10 22:51:54 Queue-worker has IP: 10.62.0.6
May 10 22:51:54 241hw faasd[773]: 2022/05/10 22:51:54 Task: queue-worker
Container: queue-worker
May 10 22:51:54 241hw faasd[773]: 2022/05/10 22:51:54 Supervisor init done in: 3 seconds
May 10 22:51:54 241hw faasd[773]: 2022/05/10 22:51:54 Looking up IP for: "gateway"
May 10 22:51:54 241hw faasd[773]: 2022/05/10 22:51:54 Resolver: "localhost"="127.0.0.1"
May 10 22:51:54 241hw faasd[773]: 2022/05/10 22:51:54 Resolver: "faasd-provider"="10.62.0.1"
May 10 22:51:54 241hw faasd[773]: 2022/05/10 22:51:54 Resolver: "faasd-provider"="10.62.0.3"
May 10 22:51:54 241hw faasd[773]: 2022/05/10 22:51:54 Resolver: "prometheus"="10.62.0.3"
May 10 22:51:54 241hw faasd[773]: 2022/05/10 22:51:54 Resolver: "past-auth-plugin"="10.62.0.4"
May 10 22:51:54 241hw faasd[773]: 2022/05/10 22:51:54 Resolver: "bast-auth-plugin"="10.62.0.4"
May 10 22:51:54 241hw faasd[773]: 2022/05/10 22:51:54 Resolver: "gateway"="10.62.0.5"
May 10 22:51:54 241hw faasd[773]: 2022/05/10 22:51:54 Resolver: "past-auth-plugin"="10.62.0.6"
May 10 22:51:54 241hw faasd[773]: 2022/05/10 22:51:54 R
```

 Provide a screenshot of your OpenFaaS gateway AFTER deploying figlet, slackhandler and slack-interactive functions (10 pts)



 Provide a screenshot of invoking slack-request and slack-interactive functions (10 pts)

Slack-request

```
{"text": "Serverless Message", "attachments": [{"fields": [{"short": true, "value": "100", "title": "Amazing Level"}],
    "author_icon": "", "image_url": "https://avatars.githubusercontent.com/u/49976359?v=4", "author_name": "sandyhsueh", "tit
"The Awesome world of Cloud Computingi COEN 241'), ("text": "COEN 241 is the most awesome class ever!.", "title": "About
241'), ("title": "Would you recommend COEN 241 to your friends?", "color": "#3AAJES3", "actions": [("text": "0f 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")})
```

Slack-interactive

```
{"attachments": [{"footer": "Slack Apps built on OpenFaas", "author_link":
"https://github.com/sandyhsueh0303/cloud_computing.git", "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-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, "footor-icon": "https://a.slack-
edge.com/45901/marketing/img/_rebrand/meta/slack_hash_256.png", "pretext": "Ahh yeah! Great choice, COEN 241 is absolutely
amazingi", "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://avatars.githubusercontent.com/u/49976359?v=4"}]}
```

- 1. What is the command to invoke the slack-request function?
 - a. via curl
 - b. via faas-cli
- 2. What is the output you see when you invoke the slack-request function?

 A json file include all the information of the function
- 3. What is the command to invoke the slack-interactive function?
 - a. via curl
 - b. via faas-cli
- 4. What is the output you see when you invoke the slack-interactive function?

 A json file include all the information of the function
- 5. How would you pass different arguments to the functions? I will use nano to edit the file inside the functions.
- 6. How would you change the slack-interactive function to react to different inputs?

I will use nano to edit the file inside the functions.