1. Please describe the architecture of the current chatbot system. Identify the components and check where they are running now.

Ans:
use telegram to show our chatbot.
use hkbugpt to understand and answer their questions.
Use redis to store these information

2. Explain how do your chatbot handle the special command. You need to trace the code and explain that.

Ans:
Original code is : chatgpt_handler = MessageHandler(Filters.text & (~Filters.command), equiped_chatgpt)

New code is : chatgpt_handler = MessageHandler(Filters.text, equiped_chatgpt)

Filters.text & (~Filters.command) means we will handle those messages users typed into but we won't handle the command.
Ps: command in telegram starts with /, so the easiest way to settle this problem is delete the second part.

This is a chatbot, I don't think it need to deal with these order so I simply delete it .

3. Update your code so that when user type /hello Kevin , it will reply Good day, Kevin! . Write down the change you have made.

Ans:
Original code:

```python
def equiped_chatgpt(update, context):
    global chatgpt
    reply_message = chatgpt.submit(update.message.text)
    print(update)
    logging.info("Update: " + str(update))
    logging.info("context: " + str(context))
    context.bot.send_message(chat_id=update.effective_chat.id,
text=reply_message)
```

New code:

```python
def equiped_chatgpt(update, context):
    global chatgpt
    reply_message = chatgpt.submit(update.message.text)
```
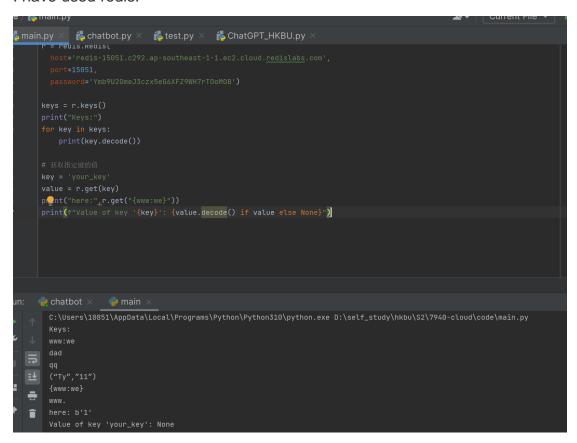
```
    print(update)
    if update.message.text=='/hello Kevin':
        reply_message='Good day, Kevin!'
    logging.info("Update: " + str(update))
    logging.info("context: " + str(context))
    context.bot.send_message(chat_id=update.effective_chat.id,
text=reply_message)
```

I catch the text inputted in telegram and change the output

4. Make a few screen caps to prove that you have applied your own Redis account, used it in your chatbot, and push the code on GitHub (at least 2 commits - lab3/lab4)

Ans:
I have used redis.

Submit my code to github

Commits

History for chatbot-repo / chatbot.py on main

All users ▾   All time ▾

─○─ Commits on Feb 17, 2024

second commit
Eric Xiao committed now   1f87bdd ⧉ ⊞ <>

first commit
Eric Xiao committed 10 minutes ago   dd682c9 ⧉ ⊞ <>

─○─ End of commit history for this file