파이썬매시업프로젝트

과제

인공지능응용

K2025029 금동환

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1. [메시지 화면 출력 결과](#index)

텍스트, 소프트웨어, 스크린샷, 컴퓨터 아이콘이(가) 표시된 사진

AI 생성 콘텐츠는 정확하지 않을 수 있습니다.

1. [소스 코드](#index)

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| --- |
| i**mport** json **import** requests **import** datetime **import** os  CLIENT\_ID = "d676a99a6401e791249d4e7e0b52c4fa"  KAKAO\_TOKEN\_FILENAME = 'kakao\_message/kakao\_token.json'  *# url = "https://kauth.kakao.com/oauth/token"*   **def** **save\_tokens**(filename, tokens):  **with** open(filename, 'w')**as** fp:  json.dump(tokens, fp)   **def** **load\_tokens**(filename):  **with** open(filename)**as** fp:  tokens = json.load(fp)  **return** tokens  **def** **update\_tokens**(app\_key, filename):  tokens = load\_tokens(filename)    data = {  "grant\_type" : "authorization\_code",  "client\_id" : CLIENT\_ID,  "refresh\_token" : tokens['refresh\_token']  }    reseponse = requests.post(url, data=data)    **if** reseponse.status\_code != 200:  print("error", reseponse.json())  **else**:  token = reseponse.json()  print("token", token)  now = datetime.datetime.now().strftime("%Y%m%d\_%H%M%S")  backup\_filename = filename + '.' + now  os.rename(filename, backup\_filename)    token['access\_token'] = reseponse.json()['access\_token']    save\_tokens(filename, tokens)    **return** tokens  **def** **send\_message**(tokens, msg):  url = "https://kapi.kakao.com/v2/api/talk/memo/default/send"  headers = {  "Authorization": "Bearer " + tokens['access\_token']  }  data = {  "template\_object" : json.dumps(  {"object\_type" : "text",  "text" : msg,  "link" : { "web\_url" : "www.naver.com"}  })  }  response = requests.post(url, headers=headers, data=data)  print(response.status\_code)  **if** reseponse.status\_code != 200:  print("error", reseponse.json())  **else**:  print("success",)    *# https://kauth.kakao.com/oauth/authorize?client\_id=d676a99a6401e791249d4e7e0b52c4fa&response\_type=code&redirect\_uri=http://localhost.com*  data = {  "grant\_type" : "authorization\_code",  "client\_id" : CLIENT\_ID,  "redirect\_url" : "http://localhost.com",  "code" : "mUqIHClvl1X9F0MN4M19OgYhaw2Xd6nLnH4ru4yCENBtPUFoun-2JAAAAAQKDRlTAAABmbvcNK2SBpCp5rpDbg"  }  reseponse = requests.post(url, data=data)  **if** reseponse.status\_code != 200:  print("error", reseponse.json())   **else**:  token = reseponse.json()  print("token", token)    save\_tokens(KAKAO\_TOKEN\_FILENAME, token)  send\_message(token, "K2025029 금동환 파이썬매시업프로젝트") |