

#第6次作业

#conf包

数据库配置文件

#controller包

login.go关于登录的控制器函数

message.go关于留言的控制器函数

register.go关于注册的控制器函数

#middle包

登录前的中间件，判断是否是带入Answer登录(Answer即密保答案)

###lv2:登录注册plus

####注册

//注册时携带密保及答案进行注册

registerRouter.POST("/",controller.Register)//注册账户

Postman测试

The screenshot shows a Postman interface for a POST request to `http://localhost:8080/register`. The request body is set to 'form-data' with the following fields:

KEY	VALUE	DESCRIPTION
username	Ironic	
password	123456	
security	多少岁?	
answer	22	

The response is a JSON object:

```
{  "code": 200,  "message": "注册成功"}
```

Status: 200 OK, Time: 7 ms, Size: 160 B.

数据库表呈现

username	password	security	answer
db	20010712	大几的学生	大三
Ironic	123456	多少岁?	22
张三	hell	大几的学生	大三

####登录(通过设置cookies登录)

//携带密保答案的登录

loginRouter.POST("/",middle.LoginMiddle(),controller.Login)//登录

Postman测试

①当密码输入正确时

POST http://localhost:8080/login

Params Authorization Headers (10) **Body** Pre-request Script Tests Settings Cookies

none form-data x-www-form-urlencoded raw binary GraphQL

	KEY	VALUE	DESCRIPTION	...	Bulk Edit
<input checked="" type="checkbox"/>	username	Ironick			
<input checked="" type="checkbox"/>	password	123456			

Body Cookies (1) Headers (4) Test Results Status: 200 OK Time: 19 ms Size: 245 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "code": 200,
3   "message": "登录成功"
4 }
```

②当密码输入错误时

POST http://localhost:8080/login

Params Authorization Headers (10) **Body** Pre-request Script Tests Settings Cookies

none form-data x-www-form-urlencoded raw binary GraphQL

	KEY	VALUE	DESCRIPTION	...	Bulk Edit
<input checked="" type="checkbox"/>	username	Ironick			
<input checked="" type="checkbox"/>	password	12345			

Body Cookies (1) Headers (3) Test Results Status: 400 Bad Request Time: 4 ms Size: 218 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "code": 400,
3   "message": "密码错误,可输入密保答案进行密码修改及登录"
4 }
```

③密码错误输入密保答案进行登录,且修改密码

POST http://localhost:8080/login

Params Authorization Headers (10) **Body** Pre-request Script Tests Settings Cookies

none form-data x-www-form-urlencoded raw binary GraphQL

	KEY	VALUE	DESCRIPTION	...	Bulk Edit
<input checked="" type="checkbox"/>	username	Ironick			
<input checked="" type="checkbox"/>	password	12345			
<input checked="" type="checkbox"/>	answer	22			

Body Cookies (1) Headers (3) Test Results Status: 200 OK Time: 10 ms Size: 178 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "code": 500,
3   "message": "登录成功且密码已修改"
4 }
```

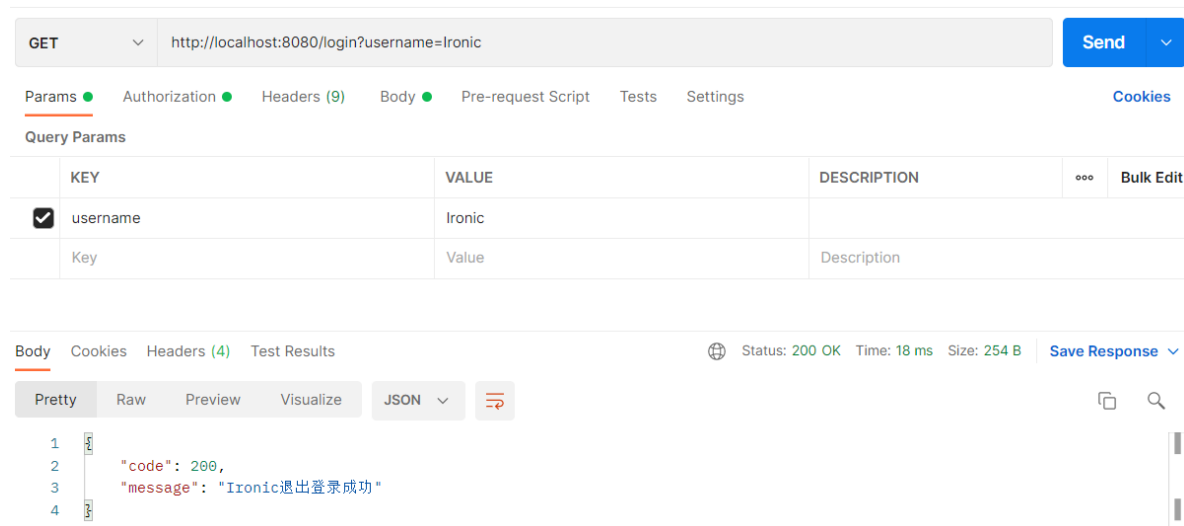
④此时的数据库表(密码已经被修改)

	username	password	security	answer
▶	db	20010712	大几的学生	大三
	Ironick	12345	多少岁?	22
	张三	hell	大几的学生	大三

####退出登录

```
loginRouter.GET("/",controller.CancelLogin)//注销登录
```

Postman测试



GET `http://localhost:8080/login?username=Ironic` Send

Params Authorization Headers (9) Body Pre-request Script Tests Settings Cookies

Query Params

	KEY	VALUE	DESCRIPTION	...	Bulk Edit
<input checked="" type="checkbox"/>	username	Ironic			
	Key	Value	Description		

Body Cookies Headers (4) Test Results Status: 200 OK Time: 18 ms Size: 254 B Save Response

Pretty Raw Preview Visualize JSON

```
1
2  {
3    "code": 200,
4    "message": "Ironic退出登录成功"
  }
```

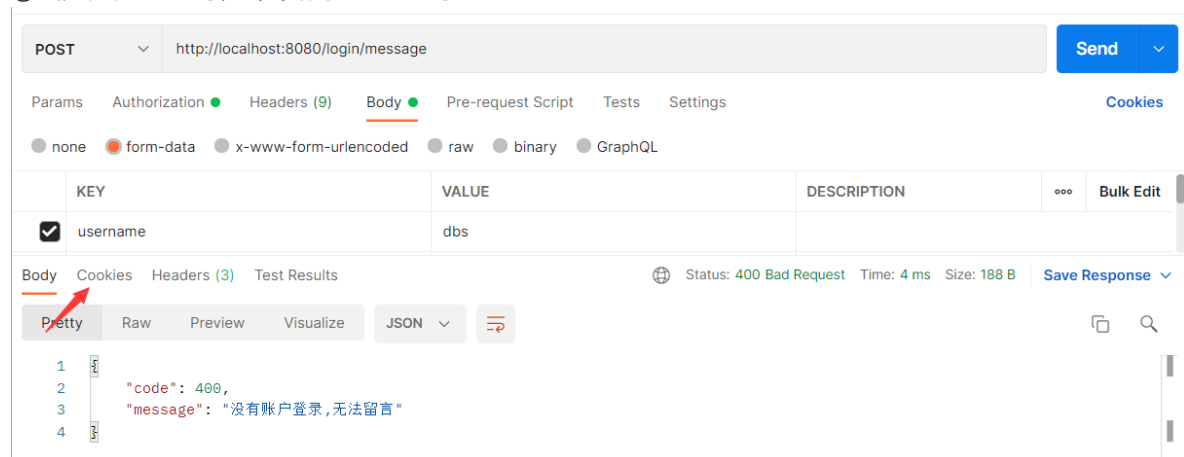
####设置留言

通过登录时设置的cookie来使用户对其他人(包括自己)进行留言

```
loginRouter.POST("/message", controller.setMessage)//设置留言
```

Postman测试

①当无用户登录时，即不存在cookie时



POST `http://localhost:8080/login/message` Send

Params Authorization Headers (9) Body Pre-request Script Tests Settings Cookies

none form-data x-www-form-urlencoded raw binary GraphQL

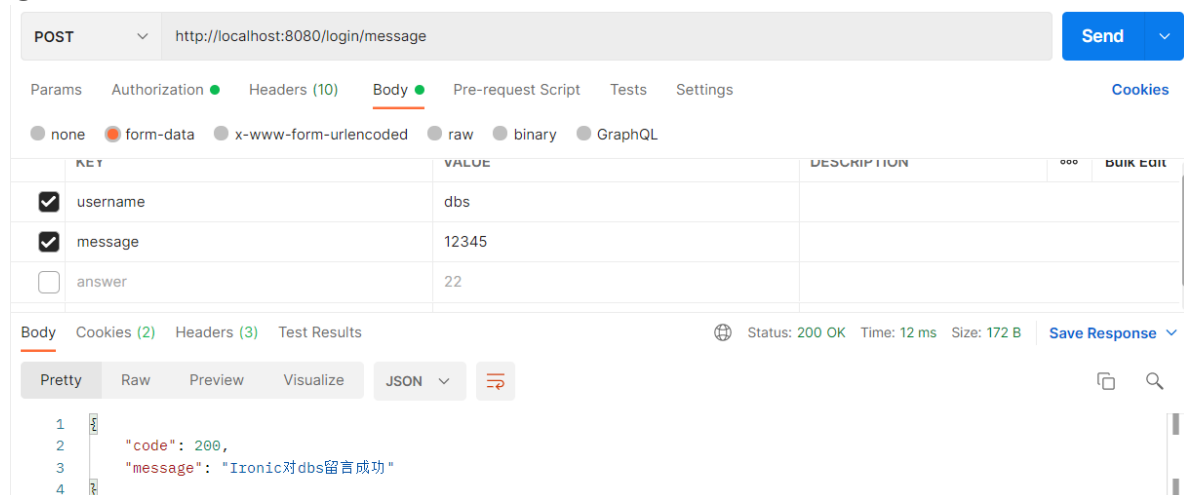
	KEY	VALUE	DESCRIPTION	...	Bulk Edit
<input checked="" type="checkbox"/>	username	dbs			

Body Cookies Headers (3) Test Results Status: 400 Bad Request Time: 4 ms Size: 188 B Save Response

Pretty Raw Preview Visualize JSON

```
1
2  {
3    "code": 400,
4    "message": "没有账户登录,无法留言"
  }
```

②当用户登录时，对其他人留言



POST `http://localhost:8080/login/message` Send

Params Authorization Headers (10) Body Pre-request Script Tests Settings Cookies

none form-data x-www-form-urlencoded raw binary GraphQL

	KEY	VALUE	DESCRIPTION	...	Bulk Edit
<input checked="" type="checkbox"/>	username	dbs			
<input checked="" type="checkbox"/>	message	12345			
<input type="checkbox"/>	answer	22			

Body Cookies (2) Headers (3) Test Results Status: 200 OK Time: 12 ms Size: 172 B Save Response

Pretty Raw Preview Visualize JSON

```
1
2  {
3    "code": 200,
4    "message": "Ironic对dbs留言成功"
  }
```

POST http://localhost:8080/login/message Send

Params Authorization Headers (10) **Body** Pre-request Script Tests Settings Cookies

none form-data x-www-form-urlencoded raw binary GraphQL

KEY	VALUE	DESCRIPTION	...	BULK EDIT
<input checked="" type="checkbox"/> username	dbs			
<input checked="" type="checkbox"/> message	谢谢Ironic的留言			
<input type="checkbox"/> answer	22			

Body Cookies (2) Headers (3) Test Results Status: 200 OK Time: 6 ms Size: 169 B Save Response

Pretty Raw Preview Visualize JSON

```

1 {
2   "code": 200,
3   "message": "dbs对dbs留言成功"
4 }
```

####查看自己的留言

```
loginRouter.GET("/message",controller.getMessage)//获取本账户留言
```

Postman测试

GET http://localhost:8080/login/message Send

Params Authorization Headers (8) **Body** Pre-request Script Tests Settings Cookies

none form-data x-www-form-urlencoded raw binary GraphQL

KEY	VALUE	DESCRIPTION	...	BULK EDIT
-----	-------	-------------	-----	-----------

Body Cookies (2) Headers (3) Test Results Status: 200 OK Time: 3 ms Size: 229 B Save Response

Pretty Raw Preview Visualize JSON

```

1 {
2   "留言": "Iornic:12345    2021/12/12 13:51"
3 }
4 {
5   "留言": "dbs:谢谢Ironic的留言    2021/12/12 13:54"
6 }
```