

1. Run flask app
 - a. export FLASK_APP = app.py
 - b. flask run

2.



Objective: Build Restful API that supports $\pm, -, /, *$

Methods: GET POST PUT DELETE

Resources: What you're offering. $+, -, /, *$

Resource	Method	Path	Used for	Param	Status on error
+	POST	/add	adding 2 nums	x: int y: int	200 OK 301 Missing
=	"	/subtract	Subtracting 2 nums	x: int y: int	200 OK 301 Missing
/	"	/divide	dividing 2 nums x/y	x: int y: int	200 OK 301 Missing
*	"	/multiply	$x*y$	x: int y: int	200 OK 301 Missing

3.

4. <https://flask.palletsprojects.com/en/2.2.x/>

5. <https://flask-restful.readthedocs.io/en/latest/>

6. To install Docker Engine, you have to follow this link for Ubuntu: <https://docs.docker.com/engine/install/ubuntu/>

7. <https://docs.docker.com/compose/install/linux/>



Resource	Address	Protocol	Param	Response + Status code
Register use	/register	POST	username, PW	200 OK ✓
Store sentence	/store	POST	username, PW sentence	200 OK 301 out of tokens 302 Invalid URL
Retrieve sentence	/get	GET	username PW	200 OK 301 out of tokens 302 Invalid URL

8.

Type here to search

9. `systemctl status docker.service`10. `sudo docker-compose build`11. `sudo docker-compose up`

13.

						status ok		
303	Resources	URL	Param	Method		200	301	302
303	Register	/register	username pw	Post				
304	Add	/add	username pw amount	Post		200	301	302
money ≤ 0	Transfer	/transfer	username pw to account amount	Post		200	301	302
	CheckBalance	/balance	username pw	Post		303	304	
	Takeloon	/takeloon	username pw amount	Post		200	301	302
	Pay loan	/Pay loan	username pw amount	Post		200	301	302
						303	304	

debt: 1000\$ A → B