Flask

1. Install flask

```
pip install flask
```

- 2. create project
- 3. create a new python file (place do not use flask as the name of the file, we need to import a model named flask in this python file)
- 4. code

```
from flask import Flask
app = Flask(__name__)

# /show/info <-> index() function
# when visit /show/info, index() function .exe
@app.route("/show/info")
def index():
    return "show info"

if __name__ == '__main__':
    app.run()
```

5. run

Flask 1



6. change return value

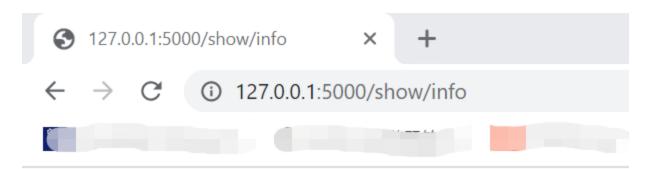
```
from flask import Flask

app = Flask(__name__)

# /show/info <-> index() function

# when visit /show/info, index() function .exe
@app.route("/show/info")
def index():
    return "<h1>show info</h1>"

if __name__ == '__main__':
    app.run()
```



show info

7. call return value from a html file

```
use function render_template(): import first

from flask import Flask, render_template
app = Flask(__name__)
```

Flask 2

```
# /show/info <-> index() function
# when visit /show/info, index() function .exe
@app.route("/show/info")
def index():
    # flask will find the file named "index.html and return value in this file
     # which direction will flask check?
     # default: in the folder named "templates" in the project folder
     return render_template("index.html")
if __name__ == '__main__':
    app.run()
<!DOCTYPE html>
<html lang="en">
    <meta charset="UTF-8">
    <title>Title</title>
</head>
<body>
    <h1>Info shown</h1>
</body>
</html>
              1. create folder transed "templates"
2. create a html, file named "index.html"

<br/>
<br/>
<br/>

</pre
      * Debug mode: off

* Running on http://127.0.0.1:5000/

27.0.0.1 - - [03/May/2023 14:52:01] "GET /show/info HTTP/1.1" 200
   Title
           → C ① 127.0.0.1:5000/show/info
```

Info shown

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Flask 4