

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

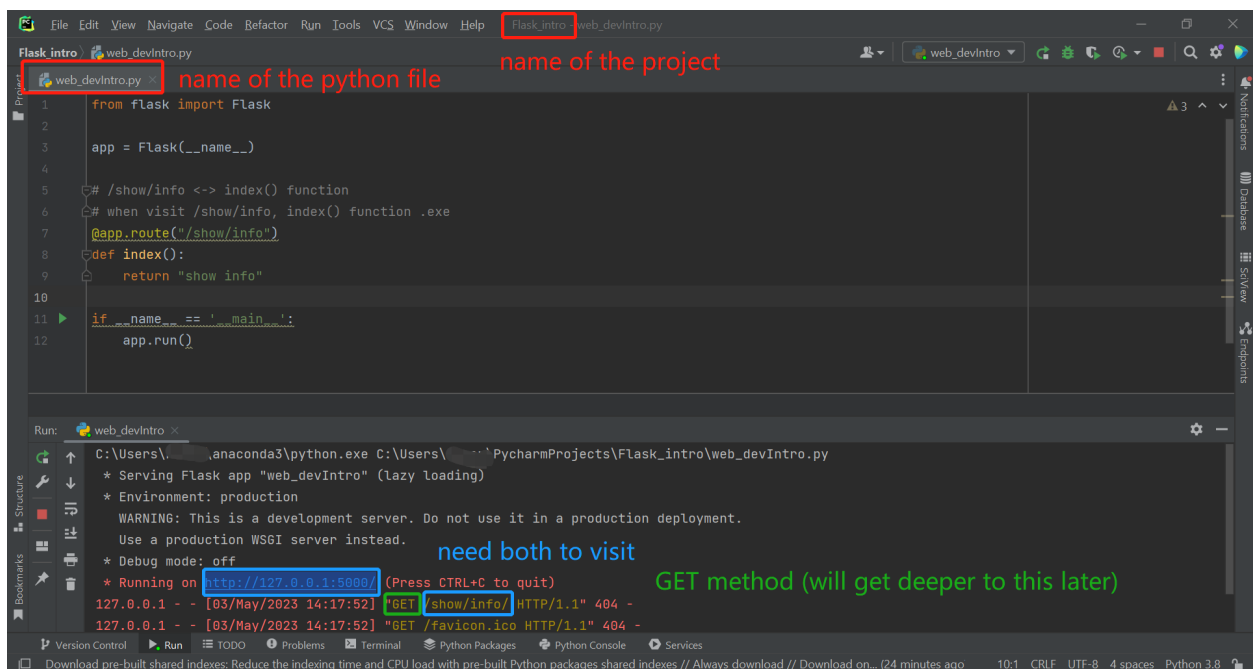
```
from flask import Flask

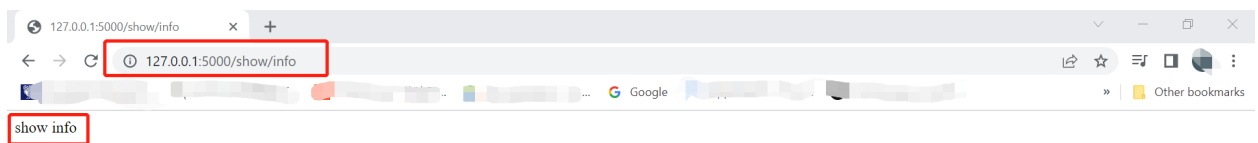
app = Flask(__name__)

# /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





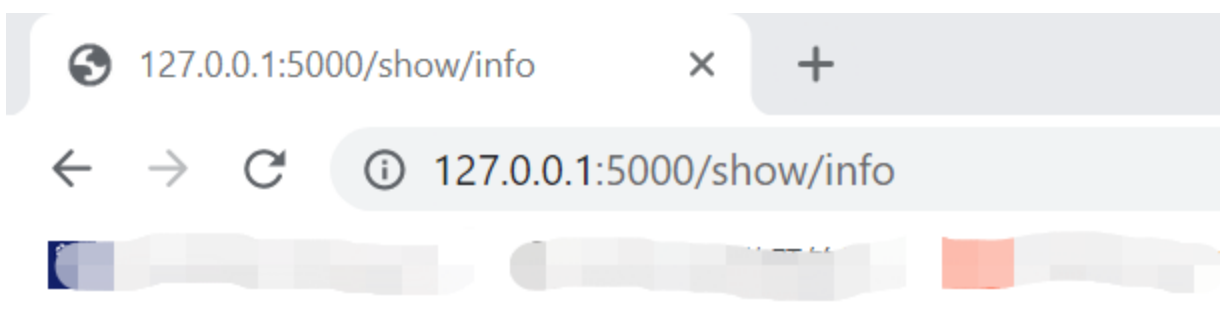
6. change return value

```
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

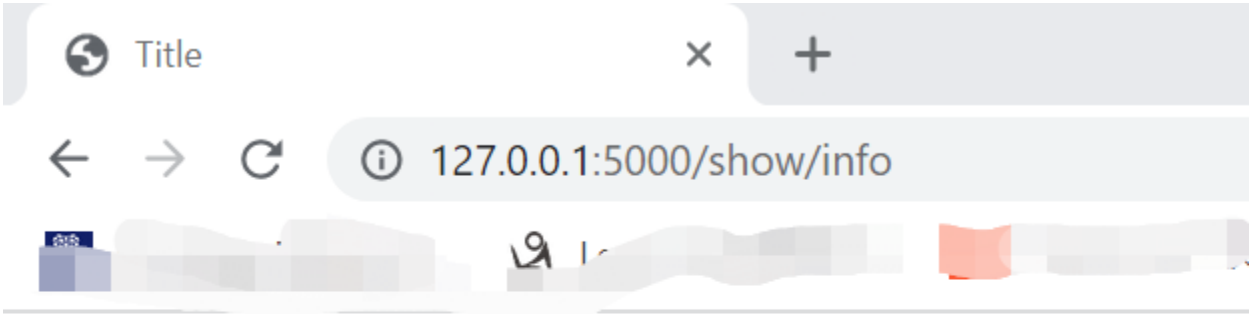
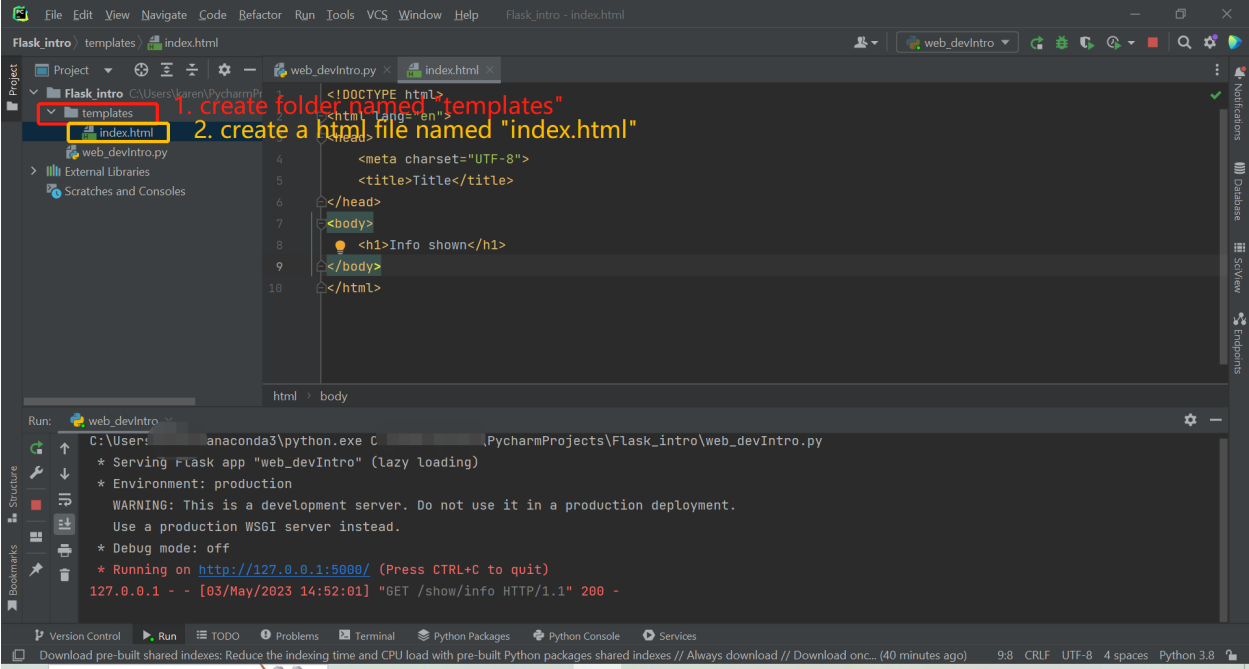
```
from flask import Flask, render_template

app = Flask(__name__)
```

```
# /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">
<head>
    <meta charset="UTF-8">
    <title>Title</title>
</head>
<body>
    <h1>Info shown</h1>
</body>
</html>
```



Info shown

