

 a01.py ×



lhu2024-main > flask >  a01.py

```
1  from flask import Flask
2
3  app = Flask(__name__)
4
5  @app.route("/")
6  def hello_world():
7      return "<p>Hello, World!</p>"
8
9  if __name__ == '__main__':
10     app.run()
```

 a02.py ×

lhu2024-main > flask >  a02.py

```
1  from flask import Flask
2  from markupsafe import escape
3
4
5  app = Flask(__name__)
6
7  @app.route("/<name>")
8  def hello(name):
9      return f"Hello, {escape(name)}!"
10
11
12  if __name__ == '__main__':
13     app.run()
```



 a03.py 


lhu2024-main > flask >  a03.py

```
1  from flask import Flask
2  app = Flask(__name__)
3
4  @app.route('/')
5  def index():
6      return 'Index Page'
7
8  @app.route('/hello')
9  def hello():
10     return 'Hello, World'
11
12
13 if __name__ == '__main__':
14     app.run()
```

lhu2024-main > flask > a04.py

```
1  from flask import Flask
2  from markupsafe import escape
3
4
5  app = Flask(__name__)
6
7  @app.route('/user/<username>')
8  def show_user_profile(username):
9      # show the user profile for that user
10     return f'User {escape(username)}'
11
12  @app.route('/post/<int:post_id>')
13  def show_post(post_id):
14      # show the post with the given id, the id is an integer
15      return f'Post {post_id}'
16
17  @app.route('/path/<path:subpath>')
18  def show_subpath(subpath):
19      # show the subpath after /path/
20      return f'Subpath {escape(subpath)}'
21
22  if __name__ == '__main__':
23      app.run()
```

 a05.py 

lhu2024-main > flask >  a05.py

```
1  from flask import Flask
2  app = Flask(__name__)
3
4  @app.route('/projects/')
5  def projects():
6      return 'The project page'
7
8  @app.route('/about')
9  def about():
10     return 'The about page'
11
12  if __name__ == '__main__':
13     app.run()
```

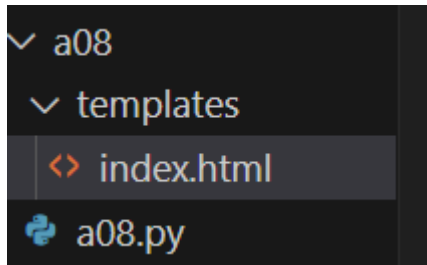
lhu2024-main > flask > a06.py

```
1  from flask import Flask, url_for
2
3  app = Flask(__name__)
4
5  @app.route('/')
6  def index():
7      return 'index'
8
9  @app.route('/login')
10 def login():
11     return 'login'
12
13 @app.route('/user/<username>')
14 def profile(username):
15     return f'{username}\''s profile'
16
17 with app.test_request_context():
18     print(url_for('index'))
19     print(url_for('login'))
20     print(url_for('login', next='/'))
21     print(url_for('profile', username='John Doe'))
22
23
24 if __name__ == '__main__':
25     app.run()
```

a07.py ×

lhu2024-main > flask > a07.py

```
1  from flask import Flask,url_for,request
2
3
4  app = Flask(__name__)
5
6  def do_the_login():
7      return '這是post'
8
9  def show_the_login_form():
10     return '這是get'
11
12  @app.route('/login', methods=['GET', 'POST'])
13  def login():
14     if request.method == 'POST':
15         return do_the_login()
16     else:
17         return show_the_login_form()
18
19  if __name__ == '__main__':
20     app.run()
```



```
a08.py X
lhu2024-main > flask > a08 > a08.py
1  from flask import Flask,url_for,request,render_template
2
3
4  app = Flask(__name__)
5
6  def do_the_login():
7      user = request.form["nm"]
8      return render_template("index.html",user=user)
9
10 def show_the_login_form():
11     return render_template("index.html")
12
13 @app.route('/login', methods=['GET', 'POST'])
14 def login():
15     if request.method == 'POST':
16         return do_the_login()
17     else:
18         return show_the_login_form()
19
20 if __name__ == '__main__':
21     app.run()
```

```
<> index.html X
lhu2024-main > flask > a08 > templates > <> index.html > form
1  <form action="#" method="post">
2      <div class="form-group">
3          <label for="username">Name:</label>
4          <input id="username" class="form-control" type="text" name="nm" />
5      </div>
6      <div class="form-group">
7          <button type="submit" class="btn btn-primary">Submit</button>
8      </div>
9  </form>
10
11 <h1> {{user}}</h1>
```

▼ a09

- ▼ templates
 - hello.html
- a09.py

a09.py ×

```
lhu2024-main > flask > a09 > a09.py
1  from flask import Flask,url_for,request,render_template
2
3
4  app = Flask(__name__)
5
6  @app.route('/hello/')
7  @app.route('/hello/<name>')
8  def hello(name=None):
9      return render_template('hello.html', person=name)
10
11 if __name__ == '__main__':
12     app.run()
```

hello.html ×

```
lhu2024-main > flask > a09 > templates > hello.html > ...
1  <!doctype html>
2  <title>Hello from Flask</title>
3  {% if person %}
4      <h1>Hello {{ person }}!</h1>
5  {% else %}
6      <h1>Hello, World!</h1>
7  {% endif %}
```