

COMP1531

Week 8 Tutorial!

Housekeeping

- milestone 3 spec is up!
- practice exam - wk09 lab
 - only attendance is marked
 - 40 mins
- Lab 07 - due this Sunday
- Quiz 2 is released

Some more Flask

Passing arguments

- A list `user_input` has been created in `server.py`
- the list is imported into `routes.py` for inputs
- values from the list read by `hello()` to pass into `hello.html`

url_for()

- instead of directly invoking `render_template("hello.html", name=name, id=zID, desc=desc)` ✕
- redirect the application to a new URL using `redirect(url_for('hello'))` ✓
- `url_for()` allows you to build a URL to a specific function instead of hard-coding them into your templates

e.g. `url_for("index")` would return /

Template inheritance in Jinja

- Much like class inheritance
 - inherit base “skeleton” template into child
 - all children will share the same common skeleton
 - can define specific blocks in child that override the skeleton

See code Part 1

Cohesion & Coupling

Cohesion

- collaboration
- aim for high cohesion
- components in a class/module have one functionality, working together to active one thing (with closely related functions)

Coupling

- dependencies
- how much does changing module A affects module B.
- aim for low coupling
- should have minimal communication between different modules

See code Part 2