

# Web design notes

## 1. Django

### 1.1. basics

#### 1.1.1. html with django

Use `{{VAR_html}}` for html variables.

Use `{% PYTHON_COMMANDS%}` for python commands. Remember to end a loop with `{% end<LOOP_NAME>%}`.

#### 1.1.2. important packages

`django.urls:`

- `include`
- `path('path_name', content the path renders, name="name_of_the_path")`  
    '`path_name`': The default option is `"`. It could also be a variable, for example, `"<str:VAR_NAME>"`.

`django.shortcuts:`

- `render(request, "FILE_NAME.html", {"VAR_html":VAR_python})`

### 1.2. basic setup

- `pip3 install Django`
- `dango-admin startproject PROJECT_NAME`
- `python manage.py startapp APP_NAME`

When creating a new app, add the app's name to the list of `INSTALLED_APPS` in `settings.py`. Also create a `urls.py` file in the `APP_NAME` folder.

To direct the url to the desired app, `include("APP_NAME.urls")` in the path `'APP_NAME/'`. Put the path in the list of `urlpatterns`.

### 1.3. routes

- `kk`