

Static Directory

Static content

- We use several static content with our html files, such as
 - Images
 - PDF
 - CSS
 - Videos
- All such files should be stored in static directory

Learn by Example

- Steps to perform
 - Create project
 - Create app
 - Create templates folder
 - Create static folder
 - Configure settings.py
 - Create views, define HTML, define CSS, put images
 - Set URL
 - Run server
 - Send requests

Create Project

- `django-admin startproject firstapp`

Create App

- `python manage.py startapp testapp`
- `python manage.py startapp exam`

Create templates folder

- Create templates folder in main project directory
 - Create folder with appname
 - Create html files in it

Create static folder

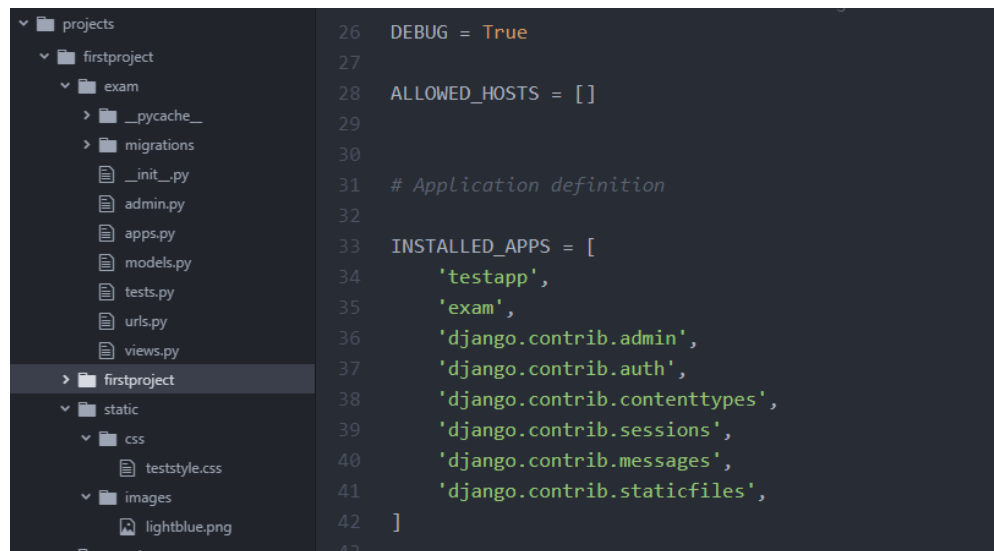
- Create static folder inside main project folder
 - images folder inside static
 - css folder inside static

Directory structure so far

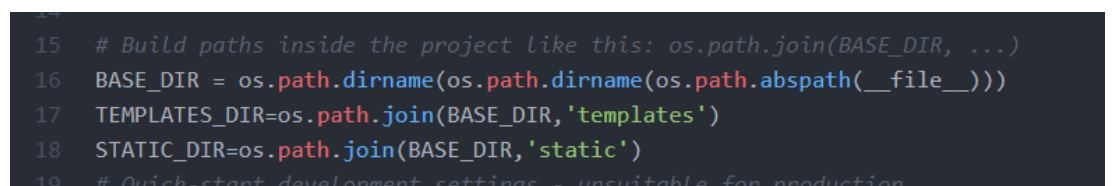
- firstproject
 - firstproject
 - exam
 - testapp
 - templates
 - exam
 - *.html (* is any name of the file)
 - testapp
 - *.html (* is any name of the file)
 - static
 - css
 - images

Configure settings.py

- In settings.py, you have to add following:
 - Add apps



- Add path for templates



- Add path for static
 - Create variable
 - `STATIC_DIR=os.path.join(BASE_DIR,'static')`
 - At the end of the file settings.py create a list

- `STATICFILES_DIRS=[`
 `STATIC_DIR,`
 `]`

```
122  STATIC_URL = '/static/'
123  STATICFILES_DIRS=[
124      STATIC_DIR,
125  ]
```