

Notes:

- This is meant to get you started with Django and make a simple web page (or multiple web pages)
- This assumes the reader has python and django installed.
- Words encapsulated such: <> indicate to run the command in the terminal
- Bolded words indicate generic names. Feel free to use actual names instead of the bolded words.

1. Open up terminal/console and 'cd' to the place where you want to keep your files.
2. <django-admin startproject **projectname**>
3. Navigate in the console to **projectname** that was just created
4. <python manage.py runserver> → just to check that everything was setup properly.
5. <python manage.py startapp **appname**> this command creates the app
6. Navigate to settings.py (this is inside of the **main directory** projectname/projectname/settings.py) add the app to settings.py. Add the **appname** to the list of installed apps in settings.py
7. Create a new view in in views.py (this inside of the **appname** director - aka, app directory)
8. Import HttpResponse and create a function to return some text. It should look something

```
from django.http import HttpResponse
```

like this.

```
def index(request):  
    return HttpResponse("Hello World")
```

9. Navigate to the app directory. Create a urls.py file.
10. Add the url pattern to urls.py for the path that you want inside of the urls.py for the app

```
from django.conf.urls import url  
from . import views  
  
urlpatterns = [  
    url(r'^$', views.index, name='index'),
```

directory.]

11. Inside of the main directory add the app urls to the main urls.py ,make sure to import the include function for django. --> url(r'^**pathname**/', include('appname.urls')),
12. Inside of the app directory create a templates directory
13. Inside of the templates directory make a directory with the **appname**
14. Inside of that file create an html file as a template. Ex: **page1.html**
15. Inside the main directory → settings.py → add STATIC_ROOT

```
STATIC_URL='/static/'  
STATIC_ROOT=os.path.join(BASE_DIR, 'static')
```

16. If you want to add static files (CSS, JS) you need to use `{% load nameofstaticfolder %}` inside of the **page1.html** file.
17. You will need to make a **static** folder to put the javascript and css files. The static folder goes inside of the app directory.
18. Now inside of the app directory -- > views.py change the previous index view to render

```
def index(request):  
    return render(request, 'appname/page1.html')
```

page1.html

19. That's basically it. Just repeat the process to add more pages.
20. You can add the css and js to your page1.html by doing something similar to this:

```
{% load static %}  
  
<script src="{% static 'js/index.js' %}"></script>  
<link href="{% static 'css/index.css' %}"  
rel="stylesheet" type="text/css">
```