

PROGRAMAÇÃO BACK-END

The Django logo, featuring the word "django" in a white, lowercase, sans-serif font with a small dot over the 'i', set against a dark green rectangular background.

The web framework for
perfectionists with deadlines.

Django Introdução

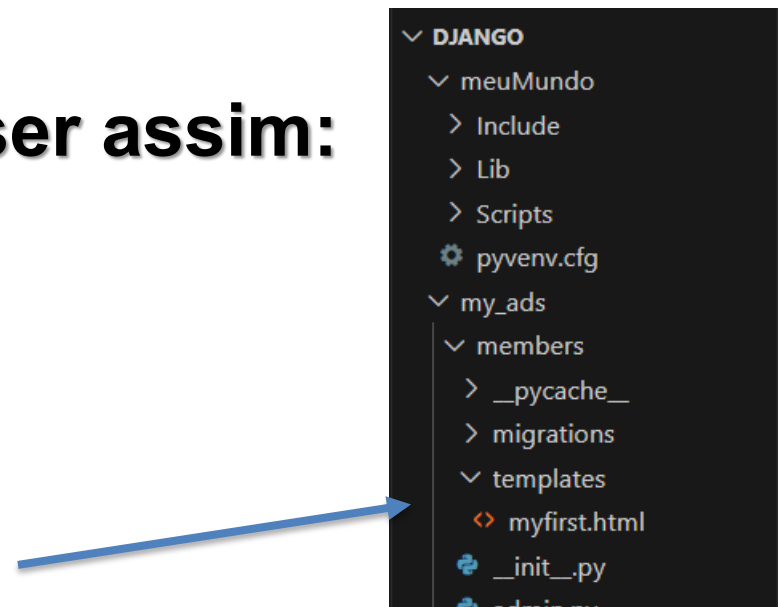
Template

PROGRAMAÇÃO BACK-END

Na página Django, o resultado deve estar em HTML, e assim deve ser criado em um template.

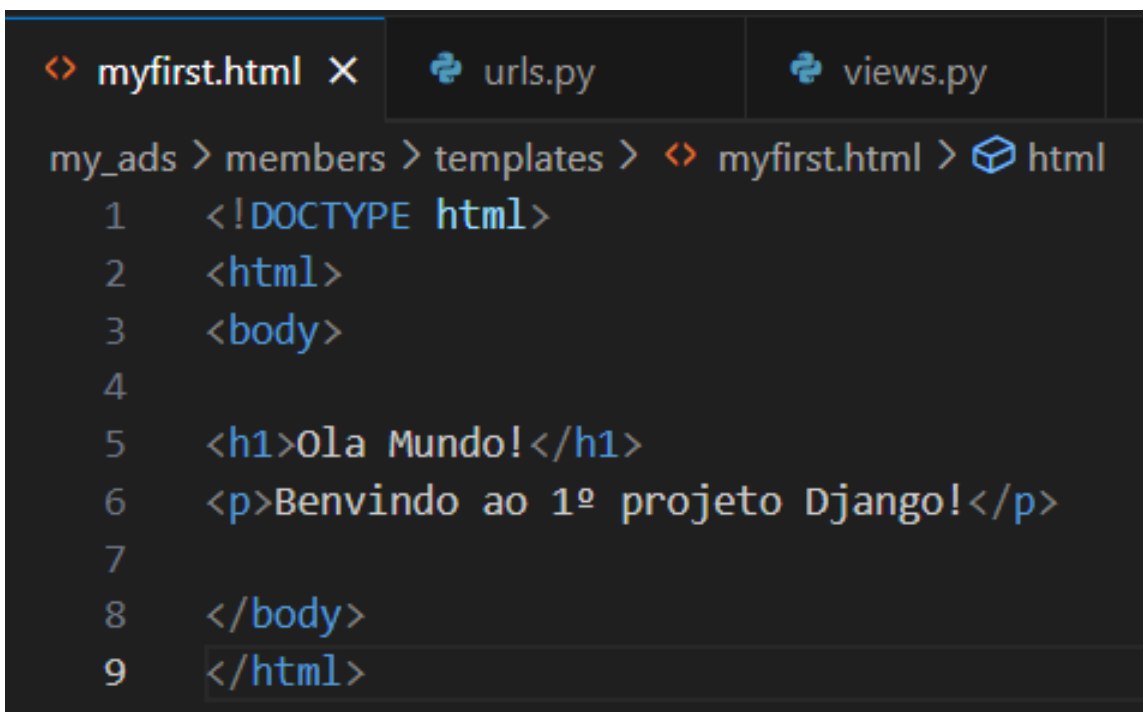
Crie uma pasta **templates** dentro da pasta **members** e **crie** um arquivo **HTML** chamado **myfirst.html**.

A estrutura do arquivo deve ser assim:



PROGRAMAÇÃO BACK-END

No arquivo **myfirst.html** coloque o seguinte conteúdo:

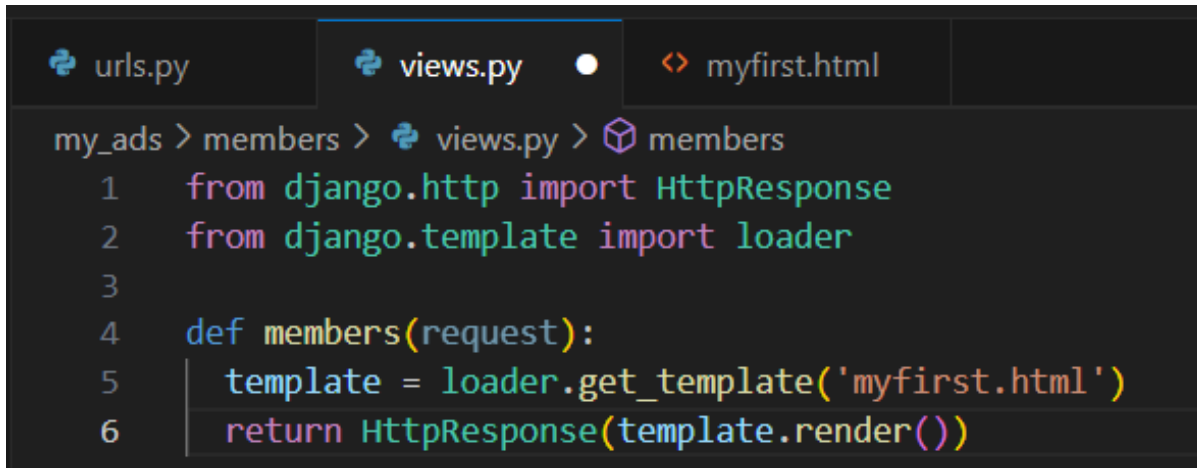
A screenshot of a code editor interface. At the top, there are three tabs: 'myfirst.html' (active), 'urls.py', and 'views.py'. Below the tabs, the breadcrumb path 'my_ads > members > templates > myfirst.html' is shown. The main area displays the HTML code for 'myfirst.html' with line numbers 1 through 9 on the left. The code is: 1 <!DOCTYPE html>, 2 <html>, 3 <body>, 4 (empty line), 5 <h1>Ola Mundo!</h1>, 6 <p>Benvindo ao 1º projeto Django!</p>, 7 (empty line), 8 </body>, 9 </html>.

```
<> myfirst.html X  urls.py  views.py
my_ads > members > templates > <> myfirst.html > html
1  <!DOCTYPE html>
2  <html>
3  <body>
4
5  <h1>Ola Mundo!</h1>
6  <p>Benvindo ao 1º projeto Django!</p>
7
8  </body>
9  </html>
```

PROGRAMAÇÃO BACK-END

Modifique o view

Abra o arquivo **views.py** na pasta **members** e substitua o conteúdo do arquivo por este:



```
my_ads > members > views.py > members
1  from django.http import HttpResponse
2  from django.template import loader
3
4  def members(request):
5      template = loader.get_template('myfirst.html')
6      return HttpResponse(template.render())
```

PROGRAMAÇÃO BACK-END

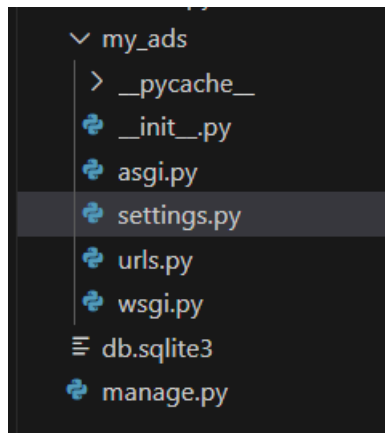
Mudar configurações

Para poder trabalhar com coisas mais complicadas do que “Olá Mundo!”, temos que dizer ao Django que um novo aplicativo foi criado.

Isso é feito no arquivo **settings.py** da pasta **my_ads** (ou outro nome que você criou).

Procure a lista **INSTALLED_APPS[]** e adicione o aplicativo **members** assim:

PROGRAMAÇÃO BACK-END



```
my_ads > my_ads > settings.py > ...
27
28     ALLOWED_HOSTS = []
29
30
31     # Application definition
32
33     INSTALLED_APPS = [
34         'django.contrib.admin',
35         'django.contrib.auth',
36         'django.contrib.contenttypes',
37         'django.contrib.sessions',
38         'django.contrib.messages',
39         'django.contrib.staticfiles',
40         'members'
41     ]
42
43     MIDDLEWARE = [
44         'django.middleware.security.SecurityMiddleware',
```


PROGRAMAÇÃO BACK-END

Em seguida, na pasta `my_ads` execute o comando: **python manage.py migrate**

```
Prompt de Comando
(meuMundo) E:\django\my_ads>python manage.py migrate
Operations to perform:
  Apply all migrations: admin, auth, contenttypes, sessions
Running migrations:
  Applying contenttypes.0001_initial... OK
  Applying auth.0001_initial... OK
  Applying admin.0001_initial... OK
  Applying admin.0002_logentry_remove_auto_add... OK
  Applying admin.0003_logentry_add_action_flag_choices... OK
  Applying contenttypes.0002_remove_content_type_name... OK
  Applying auth.0002_alter_permission_name_max_length... OK
  Applying auth.0003_alter_user_email_max_length... OK
  Applying auth.0004_alter_user_username_opts... OK
  Applying auth.0005_alter_user_last_login_null... OK
  Applying auth.0006_require_contenttypes_0002... OK
  Applying auth.0007_alter_validators_add_error_messages... OK
  Applying auth.0008_alter_user_username_max_length... OK
  Applying auth.0009_alter_user_last_name_max_length... OK
  Applying auth.0010_alter_group_name_max_length... OK
  Applying auth.0011_update_proxy_permissions... OK
  Applying auth.0012_alter_user_first_name_max_length... OK
  Applying sessions.0001_initial... OK
(meuMundo) E:\django\my_ads>
```

PROGRAMAÇÃO BACK-END

Inicie o servidor navegando até a /my_ads e execute este comando:

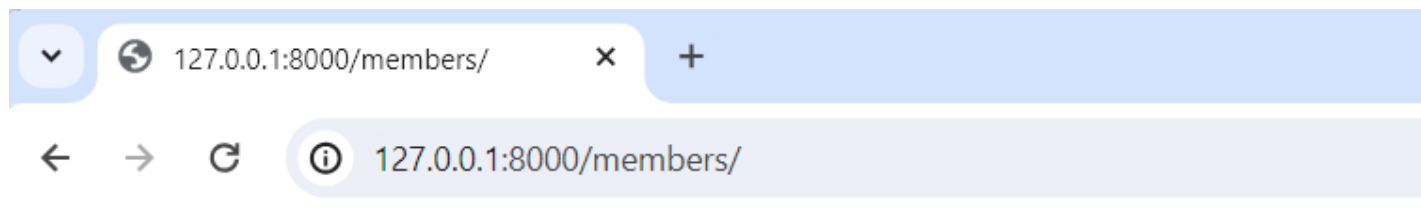
python manage.py runserver

```
(meuMundo) E:\django\my_ads>python manage.py runserver
Watching for file changes with StatReloader
Performing system checks...

System check identified no issues (0 silenced).
March 12, 2024 - 17:39:21
Django version 5.0.3, using settings 'my_ads.settings'
Starting development server at http://127.0.0.1:8000/
Quit the server with CTRL-BREAK.
```

PROGRAMAÇÃO BACK-END

Na janela do navegador, digite **127.0.0.1:8000/members/** na barra de endereço.



Ola Mundo!

Benvindo ao 1º projeto Django!