

IMAGE UPLOAD FIELD IN DATABASE

Terminal

pip install pillow // install pillow package

models.py file in app

```
class pictures(models.Model):
```

```
    img = models.ImageField(upload_to="mypics/")
```

admin.py file in app:

```
from . models import pictures
```

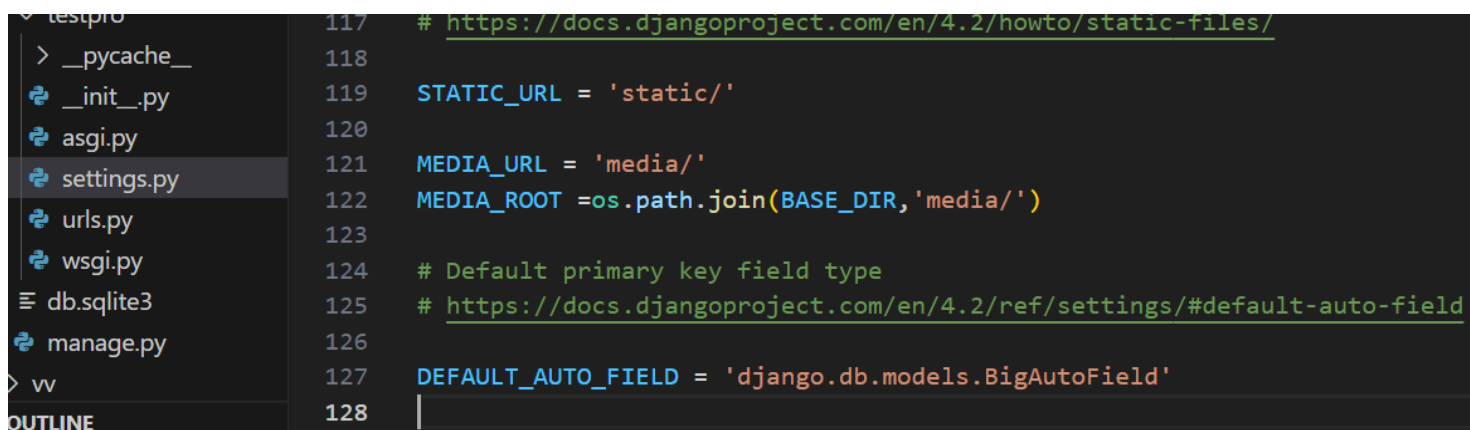
```
admin.site.register(pictures)
```

settings.py file in project (at bottom of the page:)

```
MEDIA_URL = 'media/'
```

```
MEDIA_ROOT = os.path.join(BASE_DIR,'uploads/ ')
```

Example:



```
117 # https://docs.djangoproject.com/en/4.2/howto/static-files/
118
119 STATIC_URL = 'static/'
120
121 MEDIA_URL = 'media/'
122 MEDIA_ROOT = os.path.join(BASE_DIR, 'media/')
123
124 # Default primary key field type
125 # https://docs.djangoproject.com/en/4.2/ref/settings/#default-auto-field
126
127 DEFAULT_AUTO_FIELD = 'django.db.models.BigAutoField'
128
```

Urls.py file in project folder

```
from django.conf import settings
```

```
from django.conf.urls.static import static
```

(After app configuration—below that)

```
urlpatterns+= static(settings.MEDIA_URL,document_root=settings.MEDIA_ROOT)
```

Example:

```
16
17 from django.contrib import admin
18 from django.urls import path,include
19 from django.conf import settings
20 from django.conf.urls.static import static
21
22 urlpatterns = [
23     path('admin/', admin.site.urls),
24     path('',include('app1.urls')),
25 ]
26
27 urlpatterns+= static(settings.MEDIA_URL,document_root=settings.MEDIA_ROOT)
```

views.py file in app

```
def homepage(request):
```

```
    d = {
        'fields': pictures.objects.all()
    }
```

```
    Return render (request, 'index.html',d)
```

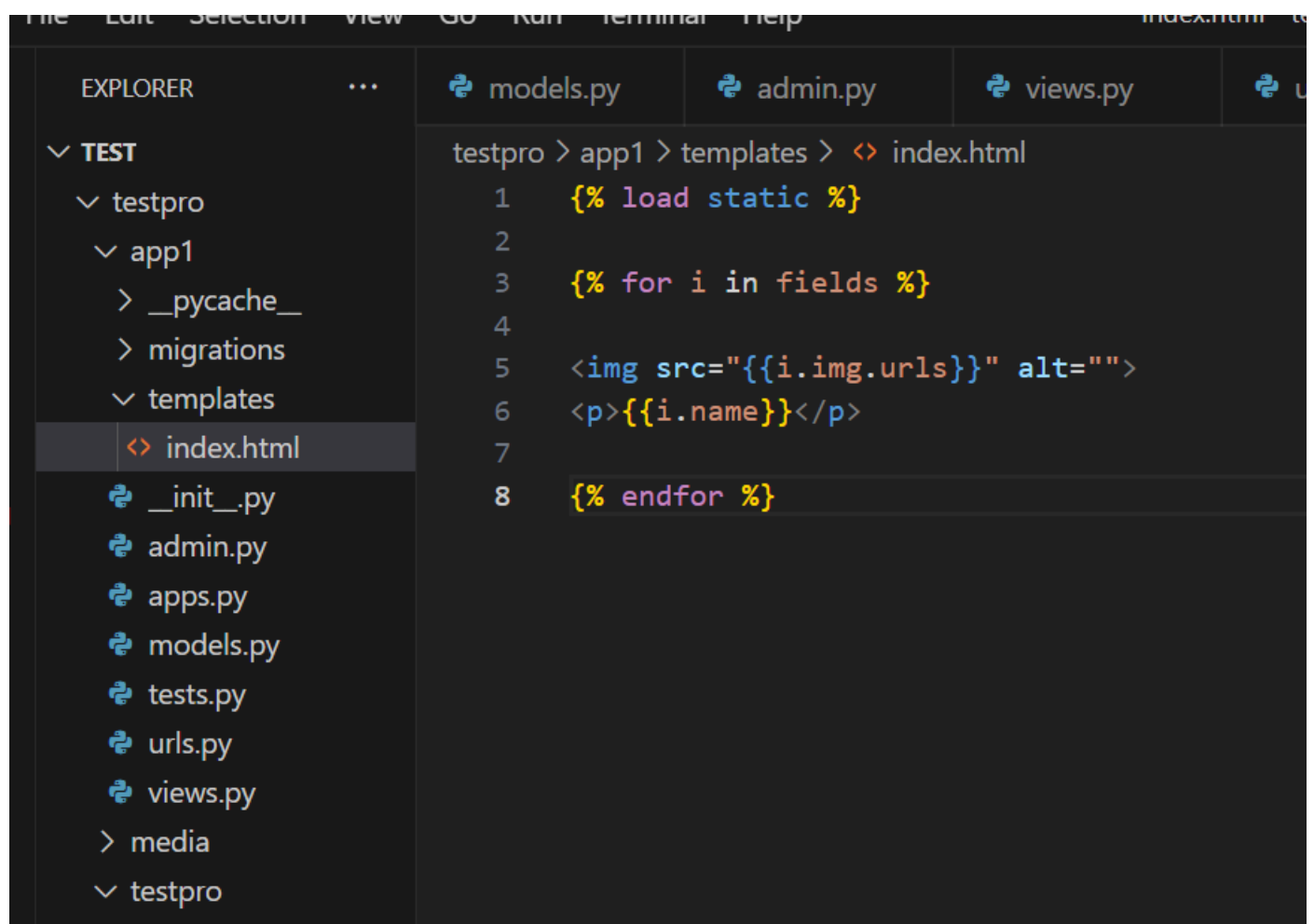
Index.html file

{% load static %}

{% for i in fields %}

{% endfor %}

Example:



The screenshot shows a code editor with a dark theme. On the left is the 'EXPLORER' sidebar showing a file tree. The tree is expanded to show the 'templates' directory, which contains 'index.html'. The main editor area shows the content of 'index.html' with line numbers 1 through 8. The code is a Django template that loads static files, iterates over a list of objects (fields), and renders each object's name and image URL as an HTML list item.

```
testpro > app1 > templates > <> index.html
1  {% load static %}
2
3  {% for i in fields %}
4
5  
6  <p>{{i.name}}</p>
7
8  {% endfor %}
```

