



# Instructivo Desarrollo de CRUD con Django

**Sena Regional Tolima- Centro de Industria y Construcción**

Elaborado por los Instructores:

Sandra Milena Cruz Molano

Adriana Lucia Rincón Forero

Jose Mauricio Mahecha

Jorge Yesid Vázquez Rey

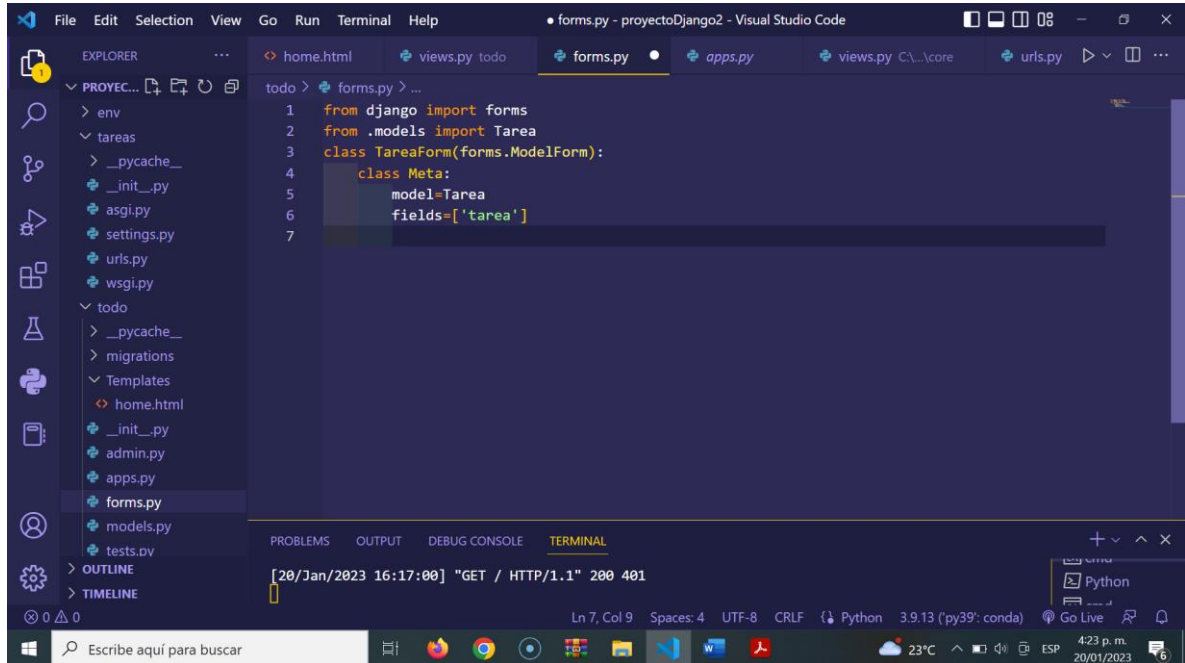
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## TUTORIAL No 4

### Manejo de forms y creación de layout.html

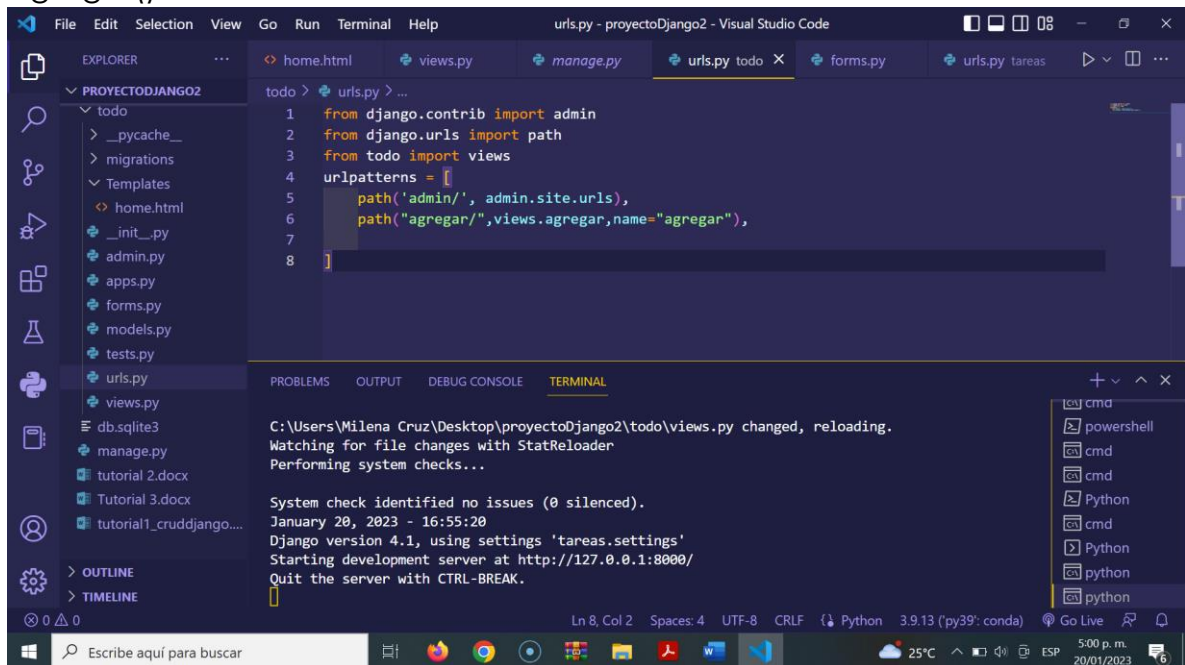
1. Se crea el archivo forms.py dentro de la app todo



2. En el archivo views.py , se agrega la función agregar()

```
def agregar(request):
    if request.method == "POST":
        form = TareaForm(request.POST)
        if form.is_valid():
            form.save()
            return redirect('home')
    else:
        form = TareaForm()
        context = {'form': form}
        return render(request, 'todo/agregar.html', context)
```

- se va a la `urls.py` de la app `todo`, se adiciona la ruta para el método `agregar()`



Visual Studio Code interface showing the `urls.py` file for the `todo` app. The file content is as follows:

```

1 from django.contrib import admin
2 from django.urls import path
3 from todo import views
4 urlpatterns = [
5     path('admin/', admin.site.urls),
6     path("agregar/", views.agregar, name="agregar"),
7 ]

```

The terminal output shows the following messages:

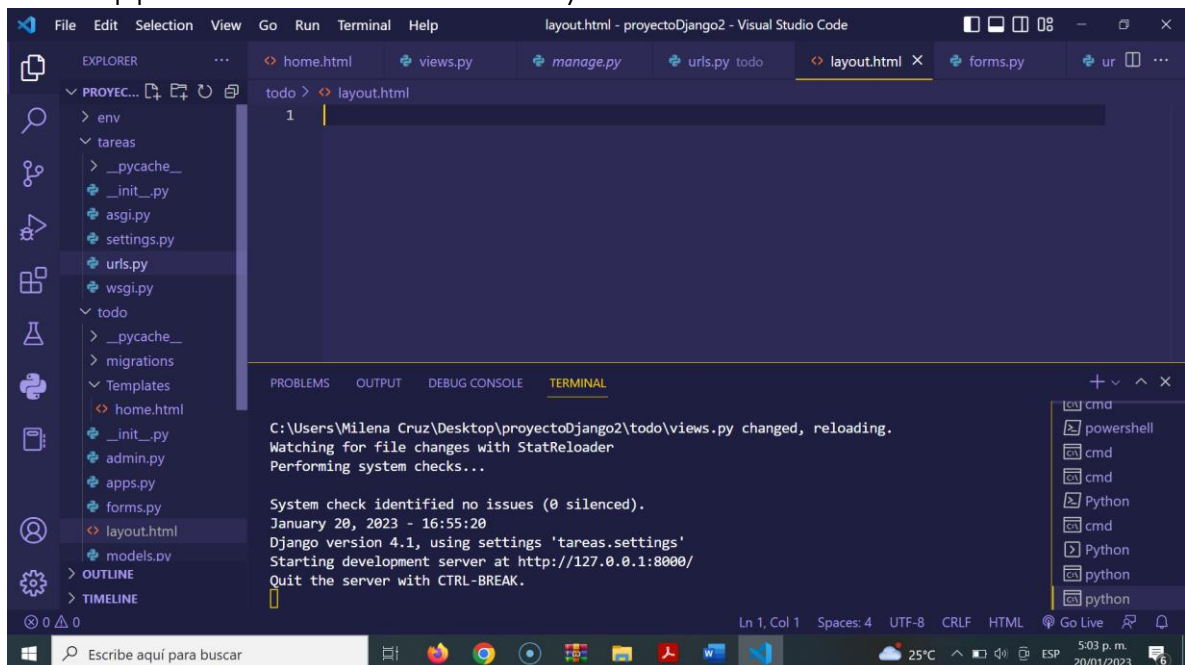
```

C:\Users\Milena Cruz\Desktop\proyectoDjango2\todo\views.py changed, reloading.
Watching for file changes with StatReloader
Performing system checks...

System check identified no issues (0 silenced).
January 20, 2023 - 16:55:20
Django version 4.1, using settings 'tareas.settings'
Starting development server at http://127.0.0.1:8000/
Quit the server with CTRL-BREAK.

```

- En la App `todo` se crea el archivo `layout.html`



Visual Studio Code interface showing the `layout.html` file for the `todo` app. The file content is as follows:

```

1

```

The terminal output shows the following messages:

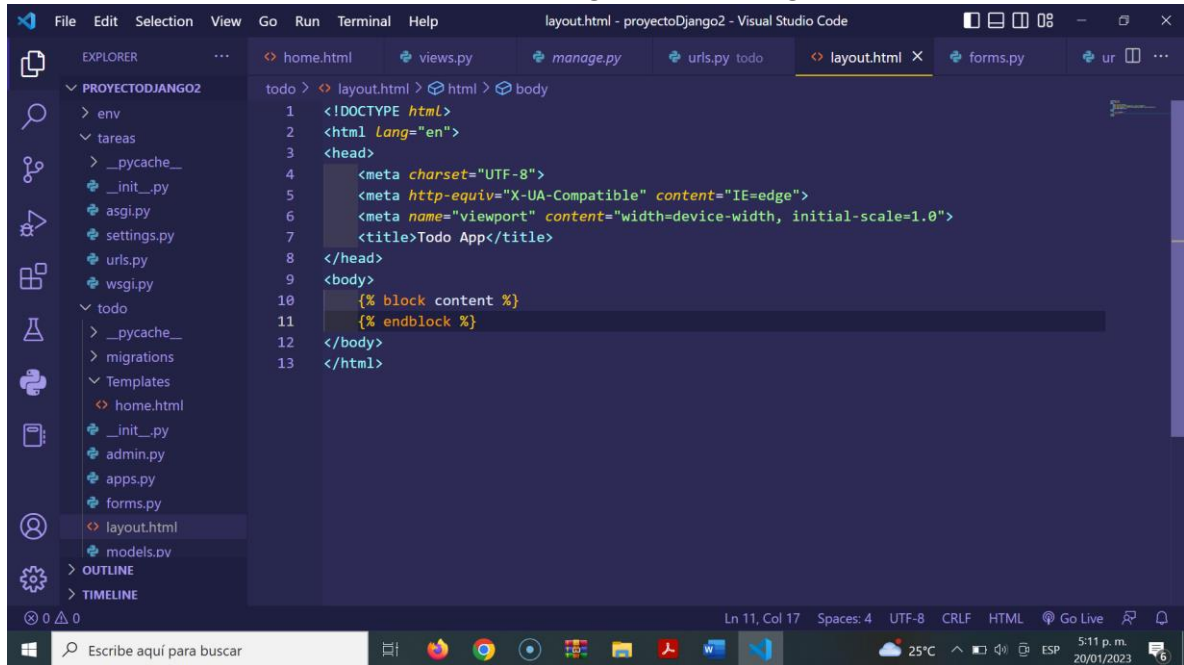
```

C:\Users\Milena Cruz\Desktop\proyectoDjango2\todo\views.py changed, reloading.
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System check identified no issues (0 silenced).
January 20, 2023 - 16:55:20
Django version 4.1, using settings 'tareas.settings'
Starting development server at http://127.0.0.1:8000/
Quit the server with CTRL-BREAK.

```

5. En el archivo layout.html se tipea el siguiente código:

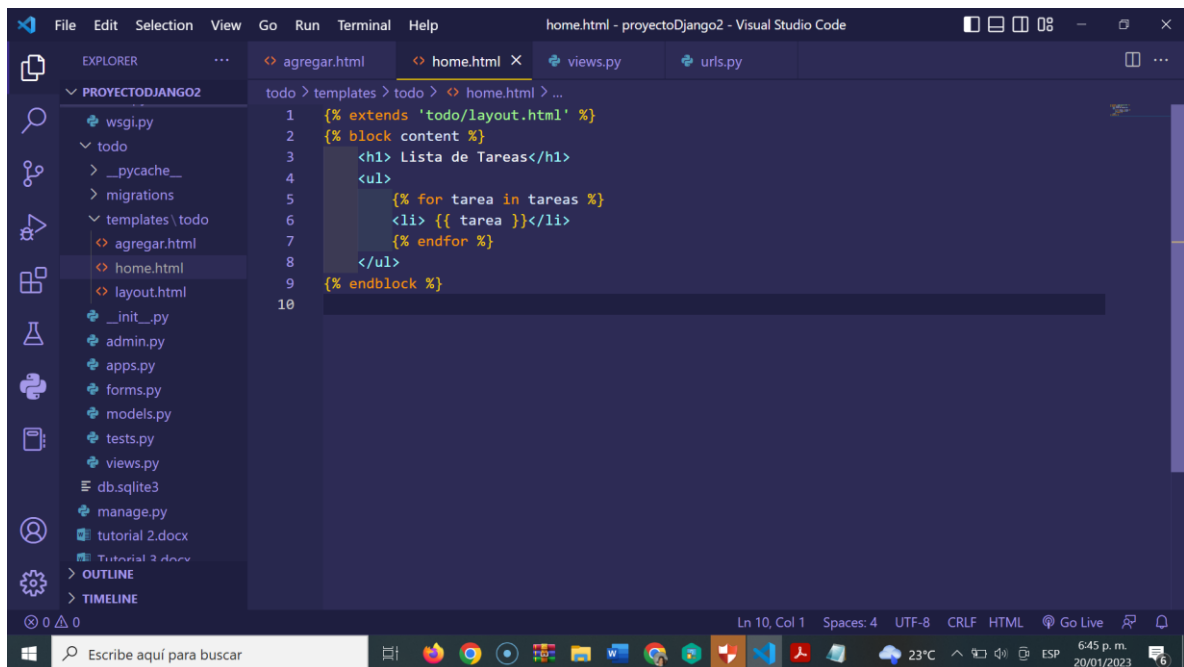


```

1 <!DOCTYPE html>
2 <html Lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta http-equiv="X-UA-Compatible" content="IE=edge">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7   <title>Todo App</title>
8 </head>
9 <body>
10   {% block content %}
11   {% endblock %}
12 </body>
13 </html>

```

6. Se modifica el archivo home.html

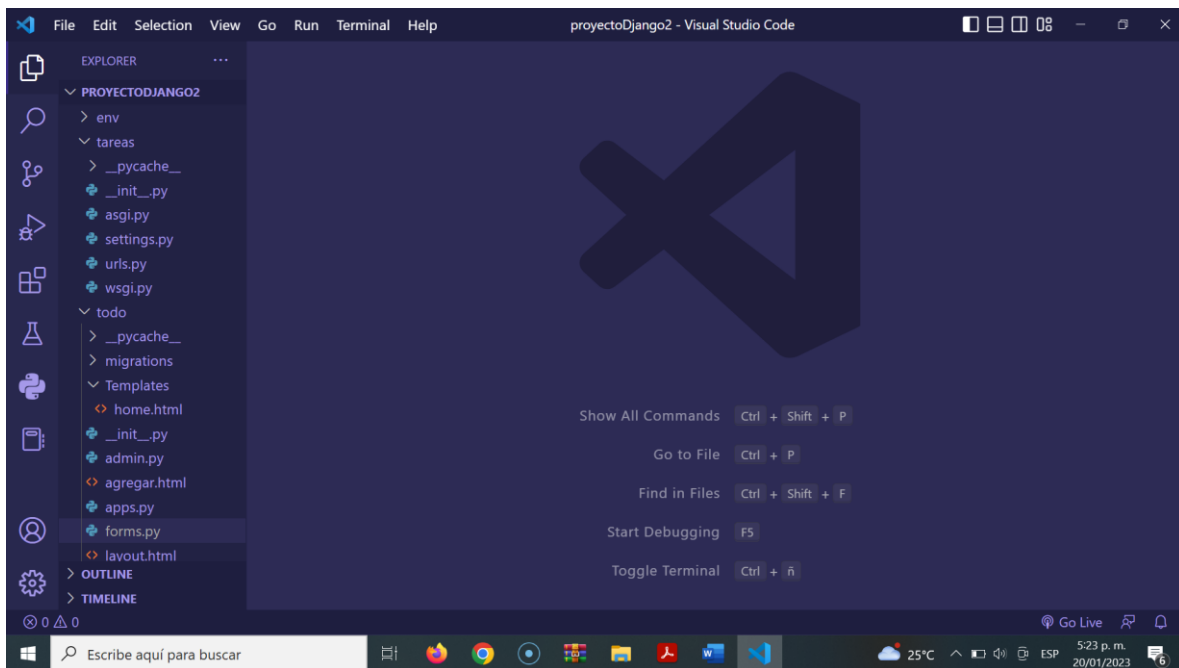


```

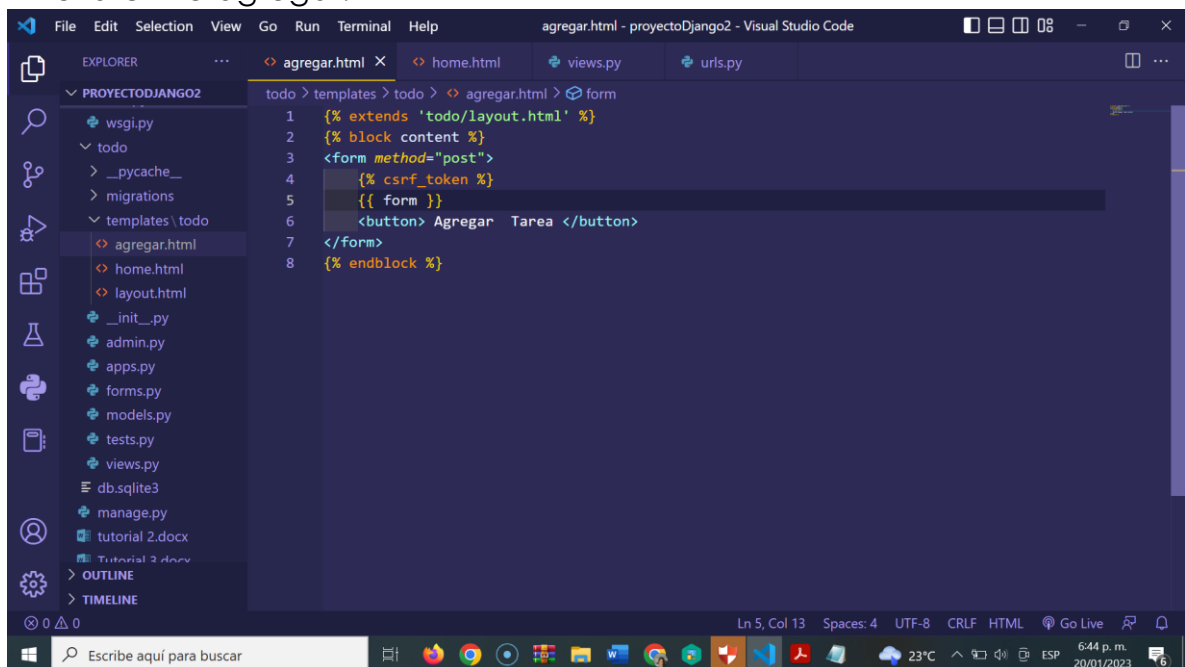
1 {% extends 'todo/layout.html' %}
2 {% block content %}
3   <h1> Lista de Tareas</h1>
4   <ul>
5     {% for tarea in tareas %}
6     <li> {{ tarea }}</li>
7     {% endfor %}
8   </ul>
9 {% endblock %}
10

```

7. Se crea el archivo agregar.html dentro de la app todo



8. En el archivo agregar.html



## 9. Se levanta el servidor

