A graphic on the left side of the slide features four overlapping horizontal bars in purple, orange, yellow, and blue. The text 'Agencia de Aprendizaje a lo largo de la vida' is written across these bars in white. The orange bar has a white arrow pointing to the right.

Agencia de
Aprendizaje
a lo largo
de la vida

DJANGO

Clase 10

Django: Views - 1

Les damos la bienvenida

Vamos a comenzar a grabar la clase

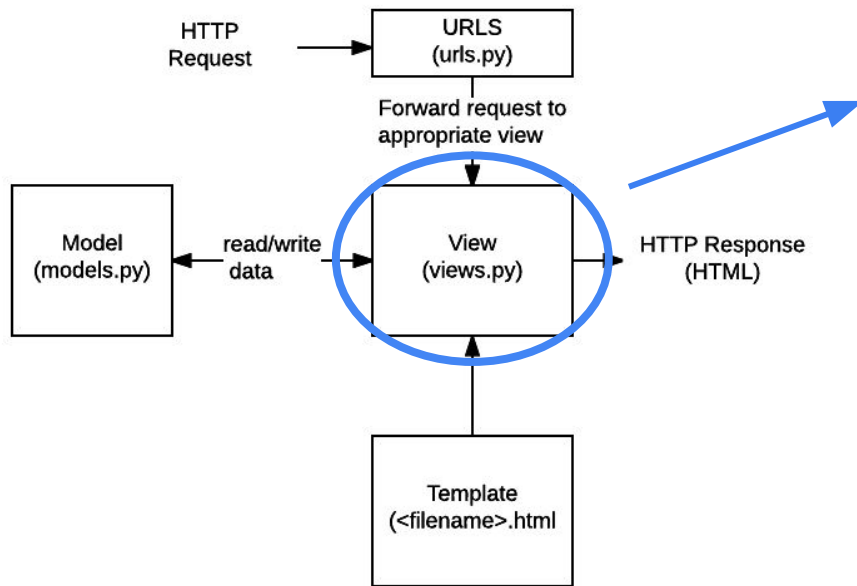
Clase 09**Django: Introducción**

- Patrón MVT
- Estructura de directorios de Django
- Proyecto, configuraciones, aplicaciones, requerimientos
- Url Dispatcher

Clase 10**Django: Views – 1**

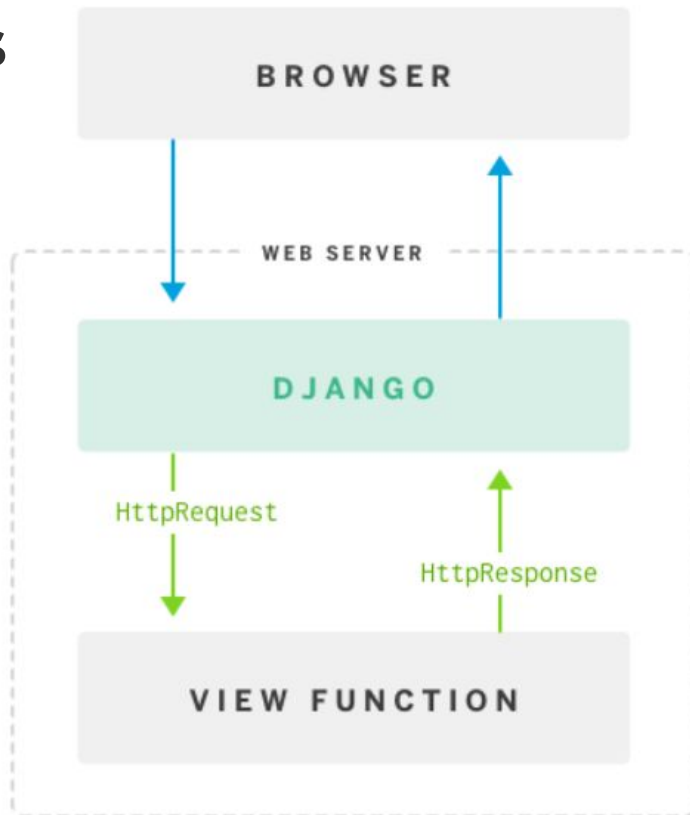
- Creación de rutas
- Múltiples vistas y URL
- HttpResponse
- Urls parametrizadas

Vistas

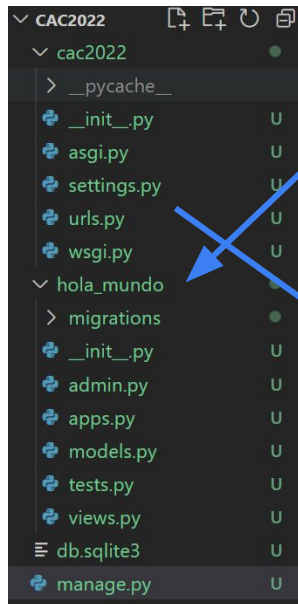


Función en Python recibe hace una solicitud Web y devuelve una respuesta Web. (una página, un error 404, una imagen, etc)

Vistas Simples



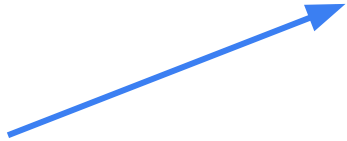
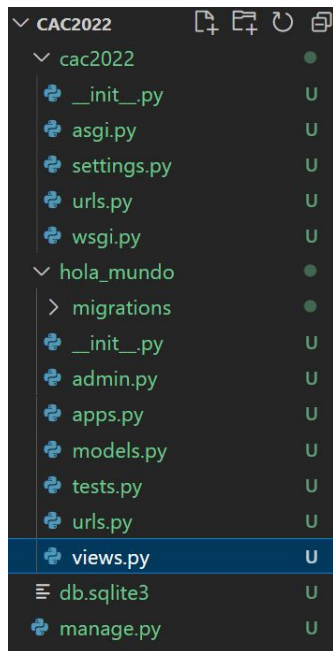
Nuestra primer vista



python manage.py startapp hola_mundo

```
INSTALLED_APPS = [  
    'django.contrib.admin',  
    'django.contrib.auth',  
    'django.contrib.contenttypes',  
    'django.contrib.sessions',  
    'django.contrib.messages',  
    'django.contrib.staticfiles',  
    'hola_mundo'  
]
```

Nuestra primer vista



```
from django.http import HttpResponse

# Create your views here.
def index(request):
    return HttpResponse("Hola gente")
```

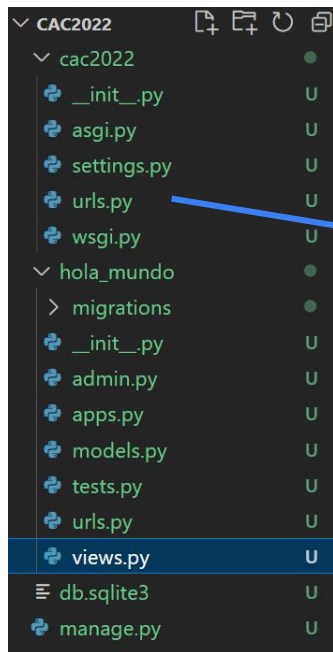
A diagram showing a blue arrow pointing from the 'views.py' file in the file explorer to the code editor. The code editor shows the following code:

```
from django.http import HttpResponse

# Create your views here.
def index(request):
    return HttpResponse("Hola gente")
```

In the code editor, the 'HttpResponse' class is circled in blue, and a blue arrow points from the circle to the 'return' statement in the 'index' function.

Nuestra primer vista

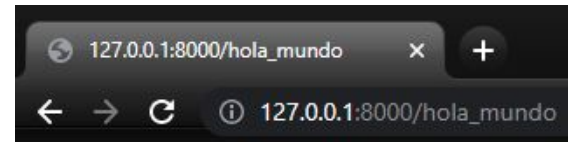


```
from django.contrib import admin
from django.urls import path, include
from hola_mundo import views

urlpatterns = [
    path('admin/', admin.site.urls),
    path('hola_mundo/', views.index, name="index")
]
```

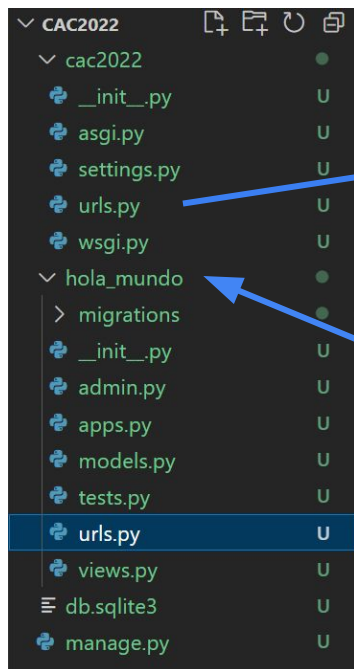
```
from django.http import HttpResponse

# Create your views here.
def index(request):
    return HttpResponse("Hola gente")
```



Hola gente

URLs por aplicación



```
from django.contrib import admin
from django.urls import path, include
from hola_mundo import views

urlpatterns = [
    path('admin/', admin.site.urls),
    path('hola_mundo/', include('hola_mundo.urls'))
]
```

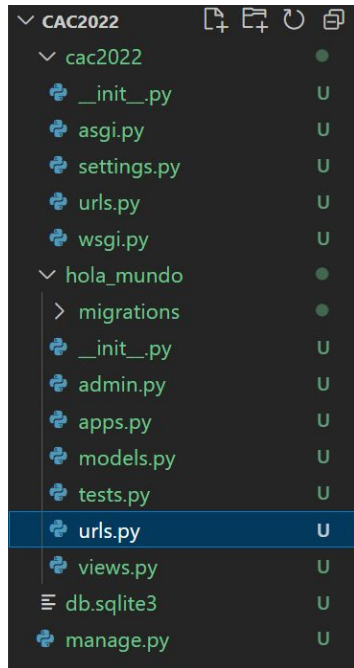
```
from django.urls import path
from . import views

urlpatterns = [
    path('', views.index, name="index"),
]
```

```
from django.http import HttpResponse

# Create your views here.
def index(request):
    return HttpResponse("Hola gente")
```

Múltiples Vistas



```
urlpatterns = [  
    path('', views.index, name="index"),  
    path('english', views.hello, name="hello"),  
    path('portuguese', views.ola, name='ola'),  
]
```

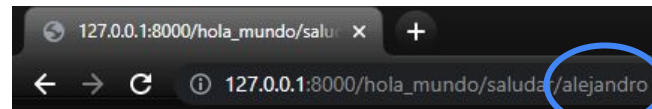
```
def index(request):  
    return HttpResponse("Hola gente")  
  
def hello(request):  
    return HttpResponse("Hello world")  
  
def ola(request):  
    return HttpResponse("Olá mundo")
```



URLs parametrizadas

```
urlpatterns = [  
    path('', views.index, name="index"),  
    path('english', views.hello, name="hello"),  
    path('portuguese', views.ola, name='ola'),  
    path('saludar/<str:nombre>', views.saludar, name="saludar"),  
]
```

```
def saludar(request, nombre):  
    return HttpResponse(f"Hola {nombre}.upper()}")
```



Hola ALEJANDRO

**No te olvides de completar la
asistencia y consultar dudas**

Recordá:

- **Revisar la Cartelera de Novedades.**
- **Hacer tus consultas en el Foro.**

TODO EN EL AULA VIRTUAL