

EJERCICIO:

Para esta actividad continuaremos el REBOUND EXERCISE del CUE 03, donde verificamos la instalación de los paquetes Python, PIP, y Virtualenvwrapper, respectivamente. Ahora, vamos a proseguir con la creación y configuración del entorno de desarrollo.

Los procedimientos a realizar son:

1. Crear un nuevo entorno virtual llamado: django_development y django_development_1.

```
rygodc@rygodc-linuxmint:~/Documentos/BECA PYTHON/BOOTCAMP PYTHON/MODULO 6/SESION 3$ mkvirtualenv django_development
created virtual environment CPython3.10.12.final.0-64 in 2329ms
  creator CPython3Posix(dest=/home/rygodc/.virtualenvs/django_development, clear=False, no_vcs_ignore=False, global=False)
  seeder FromAppData(download=False, pip=bundle, setuptools=bundle, wheel=bundle, via=copy, app_data_dir=/home/rygodc/.local/share/virtualenv)
    added seed packages: pip==24.3.1, setuptools==75.3.0, wheel==0.44.0
  activators BashActivator,CShellActivator,FishActivator,NushellActivator,PowerShellActivator,PythonActivator
virtualenvwrapper.user_scripts creating /home/rygodc/.virtualenvs/django_development/bin/predeactivate
virtualenvwrapper.user_scripts creating /home/rygodc/.virtualenvs/django_development/bin/postdeactivate
virtualenvwrapper.user_scripts creating /home/rygodc/.virtualenvs/django_development/bin/preactivate
virtualenvwrapper.user_scripts creating /home/rygodc/.virtualenvs/django_development/bin/postactivate
virtualenvwrapper.user_scripts creating /home/rygodc/.virtualenvs/django_development/bin/get_env_details
(django_development) rygodc@rygodc-linuxmint:~/Documentos/BECA PYTHON/BOOTCAMP PYTHON/MODULO 6/SESION3$
```

```
(django_development) rygodc@rygodc-linuxmint:~/Documentos/BECA PYTHON/BOOTCAMP PYTHON/MODULO 6/SESION3$ mkvirtualenv django_development_1
created virtual environment CPython3.10.12.final.0-64 in 254ms
  creator CPython3Posix(dest=/home/rygodc/.virtualenvs/django_development_1, clear=False, no_vcs_ignore=False, global=False)
  seeder FromAppData(download=False, pip=bundle, setuptools=bundle, wheel=bundle, via=copy, app_data_dir=/home/rygodc/.local/share/virtualenv)
    added seed packages: pip==24.3.1, setuptools==75.3.0, wheel==0.44.0
  activators BashActivator,CShellActivator,FishActivator,NushellActivator,PowerShellActivator,PythonActivator
virtualenvwrapper.user_scripts creating /home/rygodc/.virtualenvs/django_development_1/bin/predeactivate
virtualenvwrapper.user_scripts creating /home/rygodc/.virtualenvs/django_development_1/bin/postdeactivate
virtualenvwrapper.user_scripts creating /home/rygodc/.virtualenvs/django_development_1/bin/preactivate
virtualenvwrapper.user_scripts creating /home/rygodc/.virtualenvs/django_development_1/bin/postactivate
virtualenvwrapper.user_scripts creating /home/rygodc/.virtualenvs/django_development_1/bin/get_env_details
(django_development_1) rygodc@rygodc-linuxmint:~/Documentos/BECA PYTHON/BOOTCAMP PYTHON/MODULO 6/SESION3$
```

2. Activar y desactivar los entornos virtuales.

```
(django_development_1) rygodc@rygodc-linuxmint:~/Documentos/BECA PYTHON/BOOTCAMP PYTHON/MODULO 6/SESION3$ workon django_development
(django_development) rygodc@rygodc-linuxmint:~/Documentos/BECA PYTHON/BOOTCAMP PYTHON/MODULO 6/SESION3$ deactivate
rygodc@rygodc-linuxmint:~/Documentos/BECA PYTHON/BOOTCAMP PYTHON/MODULO 6/SESION3$ workon django_development_1
(django_development_1) rygodc@rygodc-linuxmint:~/Documentos/BECA PYTHON/BOOTCAMP PYTHON/MODULO 6/SESION3$ deactivate
rygodc@rygodc-linuxmint:~/Documentos/BECA PYTHON/BOOTCAMP PYTHON/MODULO 6/SESION3$
```

3. Eliminar el entorno virtual django_development_1.

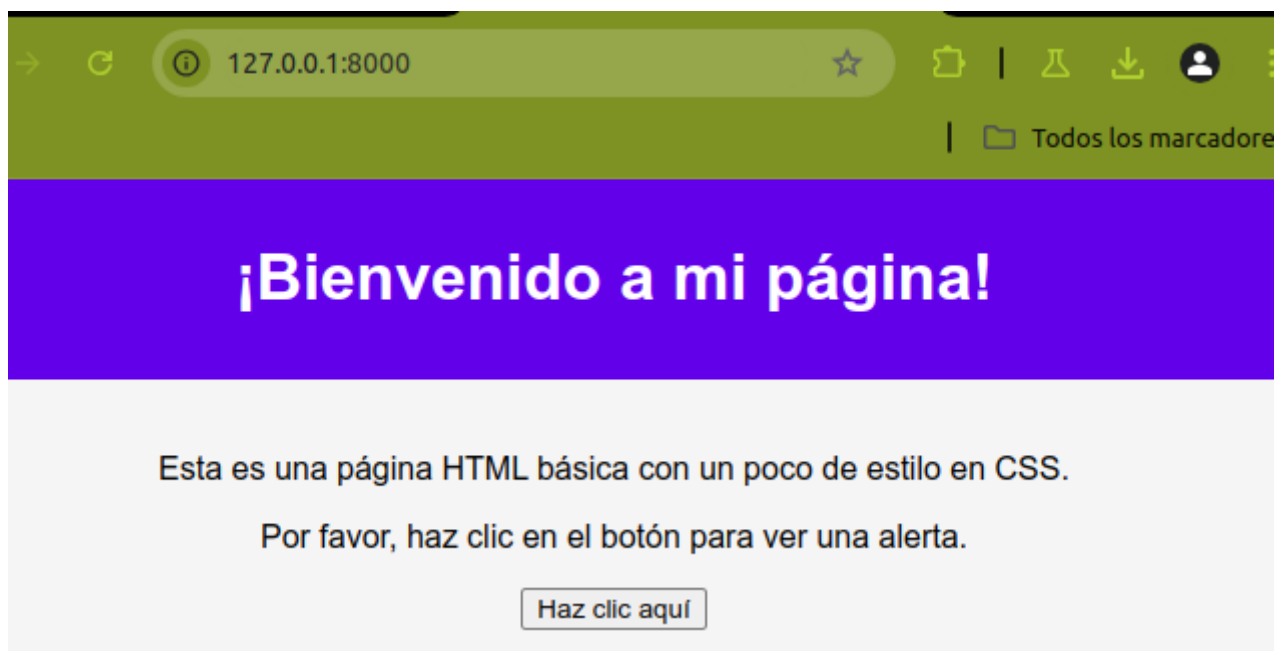
```
rygodc@rygodc-linuxmint:~/Documentos/BECA PYTHON/BOOTCAMP PYTHON/MODULO 6/SESION3$ rmvirtualenv django_development_1
Removing django_development_1...
rygodc@rygodc-linuxmint:~/Documentos/BECA PYTHON/BOOTCAMP PYTHON/MODULO 6/SESION3$
```

4. En el entorno virtual django_development, instala las siguientes dependencias: Django versión 4.0.5.

```
(django_development) rygodc@rygodc-linuxmint:~/Documentos/BECA PYTHON/BOOTCAMP PYTHON/MODULO 6/SESION3$ pip install django==4.0.5
Collecting django==4.0.5
  Downloading Django-4.0.5-py3-none-any.whl.metadata (4.0 kB)
Collecting asgiref<4,>=3.4.1 (from django==4.0.5)
  Using cached asgiref-3.8.1-py3-none-any.whl.metadata (9.3 kB)
Collecting sqlparse>=0.2.2 (from django==4.0.5)
  Using cached sqlparse-0.5.2-py3-none-any.whl.metadata (3.9 kB)
Collecting typing-extensions>=4 (from asgiref<4,>=3.4.1->django==4.0.5)
  Using cached typing_extensions-4.12.2-py3-none-any.whl.metadata (3.0 kB)
Downloading Django-4.0.5-py3-none-any.whl (8.0 MB)
 8.0/8.0 MB 17.0 MB/s eta 0:00:00
Using cached asgiref-3.8.1-py3-none-any.whl (23 kB)
Using cached sqlparse-0.5.2-py3-none-any.whl (44 kB)
Using cached typing_extensions-4.12.2-py3-none-any.whl (37 kB)
Installing collected packages: typing-extensions, sqlparse, asgiref, django
Successfully installed asgiref-3.8.1 django-4.0.5 sqlparse-0.5.2 typing-extensions-4.12.2
(django_development) rygodc@rygodc-linuxmint:~/Documentos/BECA PYTHON/BOOTCAMP PYTHON/MODULO 6/SESION3$
```

5. Ejecutar el proyecto creado en el CUE02 site_django en el servidor web de desarrollo de Django.

```
(django_development) rygodc@rygodc-linuxmint:~/Documentos/BECA PYTHON/BOOTCAMP P  
YTHON/MODULO 6/SESSION2$ cd site_django/  
(django_development) rygodc@rygodc-linuxmint:~/Documentos/BECA PYTHON/BOOTCAMP P  
YTHON/MODULO 6/SESSION2/site_django$ python manage.py runserver  
Watching for file changes with StatReloader  
Performing system checks...  
  
System check identified no issues (0 silenced).  
November 27, 2024 - 00:18:36  
Django version 4.0.5, using settings 'site_django.settings'  
Starting development server at http://127.0.0.1:8000/  
Quit the server with CONTROL-C.  
[27/Nov/2024 00:18:40] "GET / HTTP/1.1" 200 1417
```



6. Se deberá crear un documento de texto con todos los pasos realizados, para así resolver cada uno de los procedimientos incluyendo imágenes