

```
(venv) D:\django\uvic>pip install djangoestframework
WARNING: Ignoring invalid distribution -ip (d:\django\uvic\venv\lib\site-packages)
WARNING: Ignoring invalid distribution -ip (d:\django\uvic\venv\lib\site-packages)
Collecting djangoestframework
  Downloading djangoestframework-3.14.0-py3-none-any.whl (1.1 MB)
    ----- 1.1/1.1 MB 3.1 MB/s eta 0:00:00
Requirement already satisfied: django>=3.0 in d:\django\uvic\venv\lib\site-packages (from djangoestframework) (4.1.5)
Requirement already satisfied: pytz in d:\django\uvic\venv\lib\site-packages (from djangoestframework) (2022.6)
Requirement already satisfied: asgiref<4,>=3.5.2 in d:\django\uvic\venv\lib\site-packages (from django>=3.0->djangoestframework) (3.6.0)
Requirement already satisfied: sqlparse>=0.2.2 in d:\django\uvic\venv\lib\site-packages (from django>=3.0->djangoestframework) (0.4.3)
Requirement already satisfied: tzdata in d:\django\uvic\venv\lib\site-packages (from django>=3.0->djangoestframework) (2022.7)
Requirement already satisfied: backports.zoneinfo in d:\django\uvic\venv\lib\site-packages (from django>=3.0->djangoestframework) (0.2.1)
WARNING: Ignoring invalid distribution -ip (d:\django\uvic\venv\lib\site-packages)
Installing collected packages: djangoestframework
WARNING: Ignoring invalid distribution -ip (d:\django\uvic\venv\lib\site-packages)
Successfully installed djangoestframework-3.14.0
WARNING: Ignoring invalid distribution -ip (d:\django\uvic\venv\lib\site-packages)
WARNING: Ignoring invalid distribution -ip (d:\django\uvic\venv\lib\site-packages)
WARNING: Ignoring invalid distribution -ip (d:\django\uvic\venv\lib\site-packages)
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(venv) D:\django\uvic>pip install pygments
WARNING: Ignoring invalid distribution -ip (d:\django\uvic\venv\lib\site-packages)
WARNING: Ignoring invalid distribution -ip (d:\django\uvic\venv\lib\site-packages)
Collecting pygments
  Downloading Pygments-2.14.0-py3-none-any.whl (1.1 MB)
    ----- 1.1/1.1 MB 925.7 kB/s eta 0:00:00
WARNING: Ignoring invalid distribution -ip (d:\django\uvic\venv\lib\site-packages)
Installing collected packages: pygments
WARNING: Ignoring invalid distribution -ip (d:\django\uvic\venv\lib\site-packages)
Successfully installed pygments-2.14.0
WARNING: Ignoring invalid distribution -ip (d:\django\uvic\venv\lib\site-packages)
WARNING: Ignoring invalid distribution -ip (d:\django\uvic\venv\lib\site-packages)
WARNING: Ignoring invalid distribution -ip (d:\django\uvic\venv\lib\site-packages)
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```
(venv) D:\django\uvic>cd kurs/lab_25

(venv) D:\django\uvic\kurs\lab_25>django-admin startproject tutorial

(venv) D:\django\uvic\kurs\lab_25>cd tutorial

(venv) D:\django\uvic\kurs\lab_25\tutorial>python manage.py startapp snippets

(venv) D:\django\uvic\kurs\lab_25\tutorial>python manage.py makemigrations snippets
Migrations for 'snippets':
  snippets\migrations\0001_initial.py
    - Create model Snippet

(venv) D:\django\uvic\kurs\lab_25\tutorial>python manage.py migrate snippets
Operations to perform:
  Apply all migrations: snippets
Running migrations:
  Applying snippets.0001_initial... OK
```



```
(venv) D:\django\uvic\kurs\lab_25\tutorial>python manage.py migrate
Operations to perform:
  Apply all migrations: admin, auth, contenttypes, sessions, snippets
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
```

```
(venv) D:\django\uvic\kurs\lab_25\tutorial>python manage.py runserver
Watching for file changes with StatReloader
Performing system checks...

System check identified no issues (0 silenced).
January 12, 2023 - 14:17:57
Django version 4.1.5, using settings 'tutorial.settings'
Starting development server at http://127.0.0.1:8000/
Quit the server with CTRL-BREAK.
Not Found: /
[12/Jan/2023 14:17:59] "GET / HTTP/1.1" 404 2388
Not Found: /favicon.ico
[12/Jan/2023 14:17:59] "GET /favicon.ico HTTP/1.1" 404 2439
[12/Jan/2023 14:18:10] "GET /snippets/ HTTP/1.1" 200 354
```

```
(venv) D:\django\uvic\kurs\lab_25\tutorial>pip install httpie
WARNING: Ignoring invalid distribution -ip (d:\django\uvic\venv\lib\site-packages)
WARNING: Ignoring invalid distribution -ip (d:\django\uvic\venv\lib\site-packages)
Collecting httpie
  Downloading httpie-3.2.1-py3-none-any.whl (124 kB)
    ----- 125.0/125.0 kB 610.3 kB/s eta 0:00:00
Collecting rich>=9.10.0
  Downloading rich-13.0.1-py3-none-any.whl (238 kB)
    ----- 238.1/238.1 kB 1.6 MB/s eta 0:00:00
Requirement already satisfied: setuptools in d:\django\uvic\venv\lib\site-packages\setuptools-40.8.0-py3.8.egg (from httpie) (40.8.0)
Collecting defusedxml>=0.6.0
  Using cached defusedxml-0.7.1-py2.py3-none-any.whl (25 kB)
Requirement already satisfied: charset-normalizer>=2.0.0 in d:\django\uvic\venv\lib\site-packages (from httpie) (2.1.1)
Requirement already satisfied: Pygments>=2.5.2 in d:\django\uvic\venv\lib\site-packages (from httpie) (2.14.0)
Requirement already satisfied: colorama>=0.2.4 in d:\django\uvic\venv\lib\site-packages (from httpie) (0.4.6)
Requirement already satisfied: pip in d:\django\uvic\venv\lib\site-packages (from httpie) (22.3.1)
Collecting requests-toolbelt>=0.9.1
  Downloading requests_toolbelt-0.10.1-py2.py3-none-any.whl (54 kB)
    ----- 54.5/54.5 kB 942.2 kB/s eta 0:00:00
Requirement already satisfied: multidict>=4.7.0 in d:\django\uvic\venv\lib\site-packages (from httpie) (6.0.2)
Requirement already satisfied: requests[socks]>=2.22.0 in d:\django\uvic\venv\lib\site-packages (from httpie) (2.28.1)
Requirement already satisfied: urllib3<1.27,>=1.21.1 in d:\django\uvic\venv\lib\site-packages (from requests[socks]>=2.22.0->httpie) (1.26.13)
Requirement already satisfied: idna<4,>=2.5 in d:\django\uvic\venv\lib\site-packages (from requests[socks]>=2.22.0->httpie) (3.4)
Requirement already satisfied: certifi>=2017.4.17 in d:\django\uvic\venv\lib\site-packages (from requests[socks]>=2.22.0->httpie) (2022.9.24)
Collecting PySocks!=1.5.7,>=1.5.6
  Downloading PySocks-1.7.1-py3-none-any.whl (16 kB)
Collecting commonmark<0.10.0,>=0.9.0
  Downloading commonmark-0.9.1-py2.py3-none-any.whl (51 kB)
    ----- 51.1/51.1 kB 868.7 kB/s eta 0:00:00
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Requirement already satisfied: typing-extensions<5.0,>=4.0.0 in d:\django\uvic\venv\lib\site-packages (from rich>=9.10.0->httpie) (4.4.0)
WARNING: Ignoring invalid distribution -ip (d:\django\uvic\venv\lib\site-packages)
Installing collected packages: commonmark, rich, PySocks, defusedxml, requests-toolbelt, httpie
WARNING: Ignoring invalid distribution -ip (d:\django\uvic\venv\lib\site-packages)
WARNING: Ignoring invalid distribution -ip (d:\django\uvic\venv\lib\site-packages)
WARNING: Ignoring invalid distribution -ip (d:\django\uvic\venv\lib\site-packages)
WARNING: Ignoring invalid distribution -ip (d:\django\uvic\venv\lib\site-packages)
WARNING: Ignoring invalid distribution -ip (d:\django\uvic\venv\lib\site-packages)
WARNING: Ignoring invalid distribution -ip (d:\django\uvic\venv\lib\site-packages)
Successfully installed PySocks-1.7.1 commonmark-0.9.1 defusedxml-0.7.1 httpie-3.2.1 requests-toolbelt-0.10.1 rich-13.0.1
WARNING: Ignoring invalid distribution -ip (d:\django\uvic\venv\lib\site-packages)
WARNING: Ignoring invalid distribution -ip (d:\django\uvic\venv\lib\site-packages)
WARNING: Ignoring invalid distribution -ip (d:\django\uvic\venv\lib\site-packages)

(venv) D:\django\uvic\kurs\lab_25\tutorial>python manage.py runserver
Watching for file changes with StatReloader
Performing system checks...

System check identified no issues (0 silenced).
January 12, 2023 - 14:22:42
Django version 4.1.5, using settings 'tutorial.settings'
Starting development server at http://127.0.0.1:8000/
Quit the server with CTRL-BREAK.
```