**Python Django**

**Virtual Environment**

**PS C:\Users\B Divya sreee\Desktop\Divya-django> pip install virtualenv**

Collecting virtualenv

Using cached virtualenv-20.26.3-py3-none-any.whl.metadata (4.5 kB)

Collecting distlib<1,>=0.3.7 (from virtualenv)

Using cached distlib-0.3.8-py2.py3-none-any.whl.metadata (5.1 kB)

Collecting filelock<4,>=3.12.2 (from virtualenv)

Using cached filelock-3.15.4-py3-none-any.whl.metadata (2.9 kB)

Requirement already satisfied: platformdirs<5,>=3.9.1 in c:\users\b divya sreee\appdata\roaming\python\python312\site-packages (from virtualenv) (4.1.0)

Downloading virtualenv-20.26.3-py3-none-any.whl (5.7 MB)

━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 5.7/5.7 MB 1.5 MB/s eta 0:00:00

Downloading distlib-0.3.8-py2.py3-none-any.whl (468 kB)

Downloading filelock-3.15.4-py3-none-any.whl (16 kB)

Installing collected packages: distlib, filelock, virtualenv

Successfully installed distlib-0.3.8 filelock-3.15.4 virtualenv-20.26.3

**PS C:\Users\B Divya sreee\Desktop\Divya-django>** **virtualenv divya //folder**

created virtual environment CPython3.12.5.final.0-64 in 9606ms

creator CPython3Windows(dest=C:\Users\B Divya sreee\Desktop\Divya-django\divya, clear=False, no\_vcs\_ignore=False, global=False)

seeder FromAppData(download=False, pip=bundle, via=copy, app\_data\_dir=C:\Users\B Divya sreee\AppData\Local\pypa\virtualenv)

added seed packages: pip==24.1

activators BashActivator,BatchActivator,FishActivator,NushellActivator,PowerShellActivator,PythonActivator

**PS C:\Users\B Divya sreee\Desktop\Divya-django>** **divya\Scripts\activate**

divya\Scripts\activate : File C:\Users\B Divyasreee\Desktop\Divya-django\divya\Scripts\activate.ps1 cannot

be loaded because running scripts is disabled on this system.

For more information, see about\_Execution\_Policies at

https:/go.microsoft.com/fwlink/?LinkID=135170.

At line:1 char:1

+ divya\Scripts\activate

+ ~~~~~~~~~~~~~~~~~~~~~~

+ CategoryInfo : SecurityError: (:) [], PSSecurit

yException

+ FullyQualifiedErrorId : UnauthorizedAccessdivya\Scripts\ac

divya\Scripts\activate : File C:\Users\B Divya sreee\Desktop\Divya-django\divya\Scripts\activate.ps1 cannot be loaded because

running scripts is disabled on this system. For more information, see about\_Execution\_Policies at

https:/go.microsoft.com/fwlink/?LinkID=135170.

At line:1 char:1

+ divya\Scripts\activate

+ ~~~~~~~~~~~~~~~~~~~~~~

+ CategoryInfo : SecurityError: (:) [], PSSecurityException

+ FullyQualifiedErrorId : UnauthorizedAccess

**PS C:\Users\B Divya sreee\Desktop\Divya-django>** **Set-ExecutionPolicy RemoteSigned -Scope CurrentUser //Microsoft cant provide scripts so use this code and then type below one**

**PS C:\Users\B Divya sreee\Desktop\Divya-django>** **divya\Scripts\activate**

PS C:\Users\B Divya sreee\Desktop\Divya-django>( )

(divya) PS C:\Users\B Divya sreee\Desktop\Divya-django> //folder name

**Set -ExecutionPolicy RemoteSigned -Scope CurrentUser** // for installing scripts

**PS C:\Users\B Divya sreee\Desktop\Divya-django> Set-ExecutionPolicy RemoteSigned -Scope CurrentUser**

**PS C:\Users\B Divya sreee\Desktop\Divya-django>** **divya\Scripts\activate**

(divya) PS C:\Users\B Divya sreee\Desktop\Divya-django> **pip install pandas**

Collecting pandas

Downloading pandas-2.2.2-cp312-cp312-win\_amd64.whl.metadata (19 kB)

Collecting numpy>=1.26.0 (from pandas)

Downloading numpy-2.1.0-cp312-cp312-win\_amd64.whl.metadata (59 kB)

━━━━━━━━━━━━━━━━━━━━━━━━━ 59.7/59.7 kB 1.6 MB/s eta 0:00:00

Collecting python-dateutil>=2.8.2 (from pandas)

Downloading python\_dateutil-2.9.0.post0-py2.py3-none-any.whl.metadata (8.4 kB)

Collecting pytz>=2020.1 (from pandas)

Downloading pytz-2024.1-py2.py3-none-any.whl.metadata (22 kB)

Collecting tzdata>=2022.7 (from pandas)

Downloading tzdata-2024.1-py2.py3-none-any.whl.metadata (1.4 kB)

Collecting six>=1.5 (from python-dateutil>=2.8.2->pandas)

Downloading six-1.16.0-py2.py3-none-any.whl.metadata (1.8 kB)

Downloading pandas-2.2.2-cp312-cp312-win\_amd64.whl (11.5 MB)

━━━━━━━━━━━━━━━━━━━━━━━━━━━ 11.5/11.5 MB 1.1 MB/s eta 0:00:00

Downloading numpy-2.1.0-cp312-cp312-win\_amd64.whl (12.6 MB)

━━━━━━━━━━━━━━━━━━━━━━━━━━━ 12.6/12.6 MB 1.2 MB/s eta 0:00:00

Downloading python\_dateutil-2.9.0.post0-py2.py3-none-any.whl (229 kB)

━━━━━━━━━━━━━━━━━━━━━━━━━ 229.9/229.9 kB 2.0 MB/s eta 0:00:00

Downloading pytz-2024.1-py2.py3-none-any.whl (505 kB)

━━━━━━━━━━━━━━━━━━━━━━━━━ 505.5/505.5 kB 1.9 MB/s eta 0:00:00

Downloading tzdata-2024.1-py2.py3-none-any.whl (345 kB)

━━━━━━━━━━━━━━━━━━━━━━━━━ 345.4/345.4 kB 2.4 MB/s eta 0:00:00

Downloading six-1.16.0-py2.py3-none-any.whl (11 kB)

Installing collected packages: pytz, tzdata, six, numpy, python-dateutil, pandas

Successfully installed numpy-2.1.0 pandas-2.2.2 python-dateutil-2.9.0.post0 pytz-2024.1 six-1.16.0 tzdata-2024.1

[notice] A new release of pip is available: 24.1 -> 24.2

[notice] To update, run: python.exe -m pip install --upgrade pip

(divya) PS C:\Users\B Divya sreee\Desktop\Divya-django> pip show

pandas

Name: pandas

Version: 2.2.2

Summary: Powerful data structures for data analysis, time series, and statistics

Home-page: https://pandas.pydata.org

Author:

Author-email: The Pandas Development Team <pandas-dev@python.org>

License: BSD 3-Clause License

Copyright (c) 2008-2011, AQR Capital Management, LLC, Lambda Foundry, Inc. and PyData Development Team

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FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL

DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR

SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER

CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY,

OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE

OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Location: C:\Users\B Divya sreee\Desktop\Divya-django\divya\Lib\site-packages

Requires: numpy, python-dateutil, pytz, tzdata

Required-by:

(divya) PS C:\Users\B Divya sreee\Desktop\Divya-django> **pip install virtualenv**

Collecting virtualenv

Using cached virtualenv-20.26.3-py3-none-any.whl.metadata (4.5 kB)

Collecting distlib<1,>=0.3.7 (from virtualenv)

Using cached distlib-0.3.8-py2.py3-none-any.whl.metadata (5.1 kB)

Collecting filelock<4,>=3.12.2 (from virtualenv)

Using cached filelock-3.15.4-py3-none-any.whl.metadata (2.9 kB)

Collecting platformdirs<5,>=3.9.1 (from virtualenv)

Downloading platformdirs-4.2.2-py3-none-any.whl.metadata (11 kB)

Using cached virtualenv-20.26.3-py3-none-any.whl (5.7 MB)

Using cached distlib-0.3.8-py2.py3-none-any.whl (468 kB)

Using cached filelock-3.15.4-py3-none-any.whl (16 kB)

Downloading platformdirs-4.2.2-py3-none-any.whl (18 kB)

Installing collected packages: distlib, platformdirs, filelock, virtualenv

Successfully installed distlib-0.3.8 filelock-3.15.4 platformdirs-4.2.2 virtualenv-20.26.3

[notice] A new release of pip is available: 24.1 -> 24.2

[notice] To update, run: python.exe -m pip install --upgrade pip

**(divya) PS C:\Users\B Divya sreee\Desktop\Divya-django>** **virtualenv sree**

created virtual environment CPython3.12.5.final.0-64 in 2215ms

creator CPython3Windows(dest=C:\Users\B Divya sreee\Desktop\Divya-django\sree, clear=False, no\_vcs\_ignore=False, global=False)

seeder FromAppData(download=False, pip=bundle, via=copy, app\_data\_dir=C:\Users\B Divya sreee\AppData\Local\pypa\virtualenv)

added seed packages: pip==24.1

activators BashActivator,BatchActivator,FishActivator,NushellActivator,PowerShellActivator,PythonActivator

**(divya) PS C:\Users\B Divya sreee\Desktop\Divya-django>** **sree\Scripts\activate**

**(sree) PS C:\Users\B Divya sreee\Desktop\Divya-django>** **pip install django**

Collecting django

Downloading Django-5.1-py3-none-any.whl.metadata (4.2 kB)

Collecting asgiref<4,>=3.8.1 (from django)

Downloading asgiref-3.8.1-py3-none-any.whl.metadata (9.3 kB)

Collecting sqlparse>=0.3.1 (from django)

Downloading sqlparse-0.5.1-py3-none-any.whl.metadata (3.9 kB)

Collecting tzdata (from django)

Using cached tzdata-2024.1-py2.py3-none-any.whl.metadata (1.4 kB)

Downloading Django-5.1-py3-none-any.whl (8.2 MB)

━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 8.2/8.2 MB 3.3 MB/s eta 0:00:00

Downloading asgiref-3.8.1-py3-none-any.whl (23 kB)

Downloading sqlparse-0.5.1-py3-none-any.whl (44 kB)

━━━━━━━━━━━━━━━━━━━━━━━━━━━ 44.2/44.2 kB 1.1 MB/s eta 0:00:00

Using cached tzdata-2024.1-py2.py3-none-any.whl (345 kB)

Installing collected packages: tzdata, sqlparse, asgiref, django

Successfully installed asgiref-3.8.1 django-5.1 sqlparse-0.5.1 tzdata-2024.1

[notice] A new release of pip is available: 24.1 -> 24.2

[notice] To update, run: python.exe -m pip install --upgrade pip

**(sree) PS C:\Users\B Divya sreee\Desktop\Divya-django>** **django-admin --version**

5.1

**Creating project:**

**Django-admin startproject bahu**

**PS C:\Users\B Divya sreee\Desktop\Divya-django>** **cd bahu**

PS C:\Users\B Divya sreee\Desktop\Divya-django\bahu> ..\sree\Scripts\activate //vm activation back side ki move avvadaniki why sree ve is present in divya-django

**(sree) PS C:\Users\B Divya sreee\Desktop\Divya-django\bahu>** **dir**

Directory: C:\Users\B Divya sreee\Desktop\Divya-django\bahu

Mode LastWriteTime Length Name

---- ------------- ------ ----

d----- 19-08-2024 21:50 bahu

-a---- 19-08-2024 21:50 682 manage.py

(sree) PS C:\Users\B Divya sreee\Desktop\Divya-django\bahu> python manage.py runserver

Watching for file changes with StatReloader

Performing system checks...

System check identified no issues (0 silenced).

You have 18 unapplied migration(s). Your project may not work properly until you apply the migrations for app(s): admin, auth, contenttypes, sessions.

Run 'python manage.py migrate' to apply them.

August 19, 2024 - 21:56:04

Django version 5.1, using settings 'bahu.settings'

Starting development server at [**http://127.0.0.1:8000/**](http://127.0.0.1:8000/) **for successful rocket displays on browser click ctrl+click then browser opens**

Quit the server with CTRL-BREAK.

[19/Aug/2024 21:56:33] "GET / HTTP/1.1" 200 12068

Not Found: /favicon.ico

[19/Aug/2024 21:56:33] "GET /favicon.ico HTTP/1.1" 404 2206

Microsoft Windows [Version 10.0.22631.4037]

(c) Microsoft Corporation. All rights reserved.

**C:\Users\B Divya sreee\Desktop\Divya-django\bahu>code . // vs code open**

C:\Users\B Divya sreee\Desktop\Divya-django\bahu>dir

Volume in drive C is Windows

Volume Serial Number is 427C-7699

Directory of C:\Users\B Divya sreee\Desktop\Divya-django\bahu

19-08-2024 21:56 <DIR> .

19-08-2024 21:50 <DIR> ..

19-08-2024 21:56 <DIR> bahu

19-08-2024 21:56 0 db.sqlite3

19-08-2024 21:50 682 manage.py

2 File(s) 682 bytes

3 Dir(s) 377,451,282,432 bytes free

**App structure**

**C:\Users\B Divya sreee\Desktop\Divya-django\bahu>python manage.py startapp devasena**

Traceback (most recent call last):

File "C:\Users\B Divya sreee\Desktop\Divya-django\bahu\manage.py", line 11, in main

from django.core.management import execute\_from\_command\_line

ModuleNotFoundError: No module named 'django'

The above exception was the direct cause of the following exception:

Traceback (most recent call last):

File "C:\Users\B Divya sreee\Desktop\Divya-django\bahu\manage.py", line 22, in <module>

main()

File "C:\Users\B Divya sreee\Desktop\Divya-django\bahu\manage.py", line 13, in main

raise ImportError(

ImportError: Couldn't import Django. Are you sure it's installed and available on your PYTHONPATH environment variable? Did you forget to activate a virtual environment?

**C:\Users\B Divya sreee\Desktop\Divya-django\bahu>sree\Scripts\activate**

The system cannot find the path specified.

**C:\Users\B Divya sreee\Desktop\Divya-django\bahu>..\sree\Scripts\activate**

C:\Users\B Divya sreee\Desktop\Divya-django\bahu>()

(sree) C:\Users\B Divya sreee\Desktop\Divya-django\bahu>**python manage.py startapp devasena**

(sree) C:\Users\B Divya sreee\Desktop\Divya-django\bahu>**code .**

(**sree) C:\Users\B Divya sreee\Desktop\Divya-django\bahu>python manage.py runserver**

Watching for file changes with StatReloader

Performing system checks...

System check identified no issues (0 silenced).

You have 18 unapplied migration(s). Your project may not work properly until you apply the migrations for app(s): admin, auth, contenttypes, sessions.

Run 'python manage.py migrate' to apply them.

August 19, 2024 - 22:25:02

Django version 5.1, using settings 'bahu.settings'

Starting development server at http://127.0.0.1:8000/

Quit the server with CTRL-BREAK.

Not Found: /

[19/Aug/2024 22:25:09] "GET / HTTP/1.1" 404 2308

Not Found: /favicon.ico

[19/Aug/2024 22:25:09] "GET /favicon.ico HTTP/1.1" 404 2359

Not Found: /bangalore/

[19/Aug/2024 22:26:09] "GET /bangalore/ HTTP/1.1" 404 2455

Not Found: /bangalore/tadipatri/

[19/Aug/2024 22:26:25] "GET /bangalore/tadipatri/ HTTP/1.1" 404 2485

Not Found: /bangalore/ tadipatri/

[19/Aug/2024 22:26:37] "GET /bangalore/%20tadipatri/ HTTP/1.1" 404 2490

C:\Users\B Divya sreee\Desktop\Divya-django\bahu\devasena\urls.py changed, reloading.

Watching for file changes with StatReloader

Performing system checks...

System check identified no issues (0 silenced).

You have 18 unapplied migration(s). Your project may not work properly until you apply the migrations for app(s): admin, auth, contenttypes, sessions.

Run 'python manage.py migrate' to apply them.

August 19, 2024 - 22:28:16

Django version 5.1, using settings 'bahu.settings'

Starting development server at http://127.0.0.1:8000/

Quit the server with CTRL-BREAK.

[19/Aug/2024 22:28:31] "GET /bangalore/marthalli/ HTTP/1.1" 200 24

C:\Users\B Divya sreee\Desktop\Divya-django\bahu\devasena\urls.py changed, reloading.

Watching for file changes with StatReloader

Performing system checks...

System check identified no issues (0 silenced).

You have 18 unapplied migration(s). Your project may not work properly until you apply the migrations for app(s): admin, auth, contenttypes, sessions.

Run 'python manage.py migrate' to apply them.

August 19, 2024 - 22:28:49

Django version 5.1, using settings 'bahu.settings'

Starting development server at http://127.0.0.1:8000/

Quit the server with CTRL-BREAK.

Not Found: /bangalore/tadipatri/

[19/Aug/2024 22:29:07] "GET /bangalore/tadipatri/ HTTP/1.1" 404 2485

C:\Users\B Divya sreee\Desktop\Divya-django\bahu\devasena\urls.py changed, reloading.

Watching for file changes with StatReloader

Performing system checks...

System check identified no issues (0 silenced).

You have 18 unapplied migration(s). Your project may not work properly until you apply the migrations for app(s): admin, auth, contenttypes, sessions.

Run 'python manage.py migrate' to apply them.

August 19, 2024 - 22:29:41

Django version 5.1, using settings 'bahu.settings'

Starting development server at http://127.0.0.1:8000/

Quit the server with CTRL-BREAK.

[19/Aug/2024 22:29:51] "GET /bangalore/whitefield/ HTTP/1.1" 200 24

Not Found: /Tadipatri/whitefield/

[19/Aug/2024 22:30:22] "GET /Tadipatri/whitefield/ HTTP/1.1" 404 2389

C:\Users\B Divya sreee\Desktop\Divya-django\bahu\bahu\urls.py changed, reloading.

Watching for file changes with StatReloader

Performing system checks...

System check identified no issues (0 silenced).

You have 18 unapplied migration(s). Your project may not work properly until you apply the migrations for app(s): admin, auth, contenttypes, sessions.

Run 'python manage.py migrate' to apply them.

August 19, 2024 - 22:30:31

Django version 5.1, using settings 'bahu.settings'

Starting development server at http://127.0.0.1:8000/

Quit the server with CTRL-BREAK.

[19/Aug/2024 22:30:34] "GET /Tadipatri/whitefield/ HTTP/1.1" 200 24

C:\Users\B Divya sreee\Desktop\Divya-django\bahu\bahu\urls.py changed, reloading.

Watching for file changes with StatReloader

Performing system checks...

System check identified no issues (0 silenced).

You have 18 unapplied migration(s). Your project may not work properly until you apply the migrations for app(s): admin, auth, contenttypes, sessions.

Run 'python manage.py migrate' to apply them.

August 19, 2024 - 22:31:12

Django version 5.1, using settings 'bahu.settings'

Starting development server at http://127.0.0.1:8000/

Quit the server with CTRL-BREAK.

C:\Users\B Divya sreee\Desktop\Divya-django\bahu\bahu\urls.py changed, reloading.

Watching for file changes with StatReloader

Performing system checks...

System check identified no issues (0 silenced).

You have 18 unapplied migration(s). Your project may not work properly until you apply the migrations for app(s): admin, auth, contenttypes, sessions.

Run 'python manage.py migrate' to apply them.

August 19, 2024 - 22:31:45

Django version 5.1, using settings 'bahu.settings'

Starting development server at http://127.0.0.1:8000/

Quit the server with CTRL-BREAK.

C:\Users\B Divya sreee\Desktop\Divya-django\bahu\devasena\urls.py changed, reloading.

Watching for file changes with StatReloader

Performing system checks...

System check identified no issues (0 silenced).

You have 18 unapplied migration(s). Your project may not work properly until you apply the migrations for app(s): admin, auth, contenttypes, sessions.

Run 'python manage.py migrate' to apply them.

August 19, 2024 - 22:31:56

Django version 5.1, using settings 'bahu.settings'

Starting development server at http://127.0.0.1:8000/

Quit the server with CTRL-BREAK.

C:\Users\B Divya sreee\Desktop\Divya-django\bahu\bahu\urls.py changed, reloading.

Watching for file changes with StatReloader

Performing system checks...

System check identified no issues (0 silenced).

You have 18 unapplied migration(s). Your project may not work properly until you apply the migrations for app(s): admin, auth, contenttypes, sessions.

Run 'python manage.py migrate' to apply them.

August 19, 2024 - 22:32:25

Django version 5.1, using settings 'bahu.settings'

Starting development server at <http://127.0.0.1:8000/>

Quit the server with CTRL-BREAK.

[19/Aug/2024 22:32:32] "GET /Karnataka/bangalore/whitefield/ HTTP/1.1" **200** 24

Admin Panel

C:\Users\B Divya sreee\Desktop\Divya-django>.\sree\Scripts\activate

C:\Users\B Divya sreee\Desktop\Divya-django>()

(sree) C:\Users\B Divya sreee\Desktop\Divya-django>cd wish

(sree) C:\Users\B Divya sreee\Desktop\Divya-django\wish>python manage.py createsuperuser

Username (leave blank to use 'bdivyasreee'): divyasree

Email address: divyasree@gmail.com

Password:

Password (again):

Error: Your passwords didn't match.

Password:

Password (again):

Superuser created successfully.

127.0.0.1:8000/admin