**Django Globally and Locally Installed:**

**prothome ami gloabally check korsi er jonno ami 1st e oii django ta widows er path e add korsi like this way:**

**Permanent Update (Environment Variables):**

* Right-click on "This PC" or "Computer" on your desktop or in File Explorer.
* Choose "Properties."
* Click on "Advanced system settings" on the left.
* Click on the "Environment Variables..." button.
* In the "System variables" section, find the "Path" variable and click on "Edit..."
* Click on "New" and add the path to the **Scripts** directory (**C:\Users\asus\AppData\Roaming\Python\Python312\Scripts**).

**Tarpor version check korsi .**

**then globally django er version dekhsi then locally arekta django roo1 name e create korsi and 2 tar e version different .evabe e different version er 2 ta django ek e laptop e create kore felsi.**

**By the way pip install laptop e na kore virtual environment e create korsi evabe korle e pera nai globally dorkar nai.**

**start:**

Microsoft Windows [Version 10.0.22621.2861]

(c) Microsoft Corporation. All rights reserved.

D:\My works\PHITRON\Django>pip install django

Defaulting to user installation because normal site-packages is not writeable

Requirement already satisfied: django in c:\users\asus\appdata\roaming\python\python312\site-packages (5.0.1)

Requirement already satisfied: asgiref<4,>=3.7.0 in c:\users\asus\appdata\roaming\python\python312\site-packages (from django) (3.7.2)

Requirement already satisfied: sqlparse>=0.3.1 in c:\users\asus\appdata\roaming\python\python312\site-packages (from django) (0.4.4)

Requirement already satisfied: tzdata in c:\users\asus\appdata\roaming\python\python312\site-packages (from django) (2023.4)

D:\My works\PHITRON\Django>django-admin --version

5.0.1

D:\My works\PHITRON\Django>pip list

Package Version

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asgiref 3.7.2

Django 5.0.1

pip 23.3.2

sqlparse 0.4.4

tzdata 2023.4

D:\My works\PHITRON\Django>pinenv --version

'pinenv' is not recognized as an internal or external command,

operable program or batch file.

D:\My works\PHITRON\Django>pipenv --version

'pipenv' is not recognized as an internal or external command,

operable program or batch file.

D:\My works\PHITRON\Django>pip install pipenv

Defaulting to user installation because normal site-packages is not writeable

Collecting pipenv

Downloading pipenv-2023.11.15-py3-none-any.whl.metadata (16 kB)

Collecting certifi (from pipenv)

Downloading certifi-2023.11.17-py3-none-any.whl.metadata (2.2 kB)

Collecting setuptools>=67 (from pipenv)

Using cached setuptools-69.0.3-py3-none-any.whl.metadata (6.3 kB)

Collecting virtualenv>=20.24.2 (from pipenv)

Downloading virtualenv-20.25.0-py3-none-any.whl.metadata (4.5 kB)

Collecting distlib<1,>=0.3.7 (from virtualenv>=20.24.2->pipenv)

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

Collecting filelock<4,>=3.12.2 (from virtualenv>=20.24.2->pipenv)

Downloading filelock-3.13.1-py3-none-any.whl.metadata (2.8 kB)

Collecting platformdirs<5,>=3.9.1 (from virtualenv>=20.24.2->pipenv)

Downloading platformdirs-4.1.0-py3-none-any.whl.metadata (11 kB)

Downloading pipenv-2023.11.15-py3-none-any.whl (3.2 MB)

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Using cached setuptools-69.0.3-py3-none-any.whl (819 kB)

Downloading virtualenv-20.25.0-py3-none-any.whl (3.8 MB)

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Downloading certifi-2023.11.17-py3-none-any.whl (162 kB)

━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 162.5/162.5 kB 3.2 MB/s eta 0:00:00

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

━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 468.9/468.9 kB 10.0 MB/s eta 0:00:00

Downloading filelock-3.13.1-py3-none-any.whl (11 kB)

Downloading platformdirs-4.1.0-py3-none-any.whl (17 kB)

Installing collected packages: distlib, setuptools, platformdirs, filelock, certifi, virtualenv, pipenv

Successfully installed certifi-2023.11.17 distlib-0.3.8 filelock-3.13.1 pipenv-2023.11.15 platformdirs-4.1.0 setuptools-69.0.3 virtualenv-20.25.0

D:\My works\PHITRON\Django>pipenv --version

pipenv, version 2023.11.15

D:\My works\PHITRON\Django>python -m venv room1

D:\My works\PHITRON\Django>room1\Scripts\activate.bat

(room1) D:\My works\PHITRON\Django>django-admin --version

5.0.1

(room1) D:\My works\PHITRON\Django>pip install django==4.1.9

Collecting django==4.1.9

Downloading Django-4.1.9-py3-none-any.whl (8.1 MB)

━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 8.1/8.1 MB 982.9 kB/s eta 0:00:00

Collecting asgiref<4,>=3.5.2 (from django==4.1.9)

Obtaining dependency information for asgiref<4,>=3.5.2 from https://files.pythonhosted.org/packages/9b/80/b9051a4a07ad231558fcd8ffc89232711b4e618c15cb7a392a17384bbeef/asgiref-3.7.2-py3-none-any.whl.metadata

Using cached asgiref-3.7.2-py3-none-any.whl.metadata (9.2 kB)

Collecting sqlparse>=0.2.2 (from django==4.1.9)

Using cached sqlparse-0.4.4-py3-none-any.whl (41 kB)

Collecting tzdata (from django==4.1.9)

Obtaining dependency information for tzdata from https://files.pythonhosted.org/packages/a3/fb/52b62131e21b24ee297e4e95ed41eba29647dad0e0051a92bb66b43c70ff/tzdata-2023.4-py2.py3-none-any.whl.metadata

Using cached tzdata-2023.4-py2.py3-none-any.whl.metadata (1.4 kB)

Using cached asgiref-3.7.2-py3-none-any.whl (24 kB)

Using cached tzdata-2023.4-py2.py3-none-any.whl (346 kB)

Installing collected packages: tzdata, sqlparse, asgiref, django

Successfully installed asgiref-3.7.2 django-4.1.9 sqlparse-0.4.4 tzdata-2023.4

[notice] A new release of pip is available: 23.2.1 -> 23.3.2

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

(room1) D:\My works\PHITRON\Django>pip install django==4.1.9

Requirement already satisfied: django==4.1.9 in d:\my works\phitron\django\room1\lib\site-packages (4.1.9)

Requirement already satisfied: asgiref<4,>=3.5.2 in d:\my works\phitron\django\room1\lib\site-packages (from django==4.1.9) (3.7.2)

Requirement already satisfied: sqlparse>=0.2.2 in d:\my works\phitron\django\room1\lib\site-packages (from django==4.1.9) (0.4.4)

Requirement already satisfied: tzdata in d:\my works\phitron\django\room1\lib\site-packages (from django==4.1.9) (2023.4)

[notice] A new release of pip is available: 23.2.1 -> 23.3.2

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

(room1) D:\My works\PHITRON\Django>django-admin --version

4.1.9

(room1) D:\My works\PHITRON\Django>django-admin startproject project\_1

(room1) D:\My works\PHITRON\Django>cd project\_1

(room1) D:\My works\PHITRON\Django\project\_1>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.

January 07, 2024 - 15:35:23

Django version 4.1.9, using settings 'project\_1.settings'

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

Quit the server with CTRL-BREAK.

[07/Jan/2024 15:36:04] "GET / HTTP/1.1" 200 10681

[07/Jan/2024 15:36:04] "GET /static/admin/css/fonts.css HTTP/1.1" 200 423

[07/Jan/2024 15:36:04] "GET /static/admin/fonts/Roboto-Regular-webfont.woff HTTP/1.1" 200 85876

[07/Jan/2024 15:36:04] "GET /static/admin/fonts/Roboto-Bold-webfont.woff HTTP/1.1" 200 86184

[07/Jan/2024 15:36:04] "GET /static/admin/fonts/Roboto-Light-webfont.woff HTTP/1.1" 200 85692

**Creating a room:**

D:\My works\PHITRON\Software Development Project\9.Introduction\_to\_Django>cd room2

D:\My works\PHITRON\Software Development Project\9.Introduction\_to\_Django\room2>Scripts\activate.bat

(room2) D:\My works\PHITRON\Software Development Project\9.Introduction\_to\_Django\room2>pip install django==4.1.0

Collecting django==4.1.0

Using cached Django-4.1-py3-none-any.whl (8.1 MB)

Collecting asgiref<4,>=3.5.2 (from django==4.1.0)

Obtaining dependency information for asgiref<4,>=3.5.2 from https://files.pythonhosted.org/packages/9b/80/b9051a4a07ad231558fcd8ffc89232711b4e618c15cb7a392a17384bbeef/asgiref-3.7.2-py3-none-any.whl.metadata

Using cached asgiref-3.7.2-py3-none-any.whl.metadata (9.2 kB)

Collecting sqlparse>=0.2.2 (from django==4.1.0)

Using cached sqlparse-0.4.4-py3-none-any.whl (41 kB)

Collecting tzdata (from django==4.1.0)

Obtaining dependency information for tzdata from https://files.pythonhosted.org/packages/a3/fb/52b62131e21b24ee297e4e95ed41eba29647dad0e0051a92bb66b43c70ff/tzdata-2023.4-py2.py3-none-any.whl.metadata

Using cached tzdata-2023.4-py2.py3-none-any.whl.metadata (1.4 kB)

Using cached asgiref-3.7.2-py3-none-any.whl (24 kB)

Using cached tzdata-2023.4-py2.py3-none-any.whl (346 kB)

Installing collected packages: tzdata, sqlparse, asgiref, django

Successfully installed asgiref-3.7.2 django-4.1 sqlparse-0.4.4 tzdata-2023.4

[notice] A new release of pip is available: 23.2.1 -> 23.3.2

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

(room2) D:\My works\PHITRON\Software Development Project\9.Introduction\_to\_Django\room2>django-admin sta

rtproject project\_2

(room2) D:\My works\PHITRON\Software Development Project\9.Introduction\_to\_Django\room2>