

DJango



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PRESENTED BY

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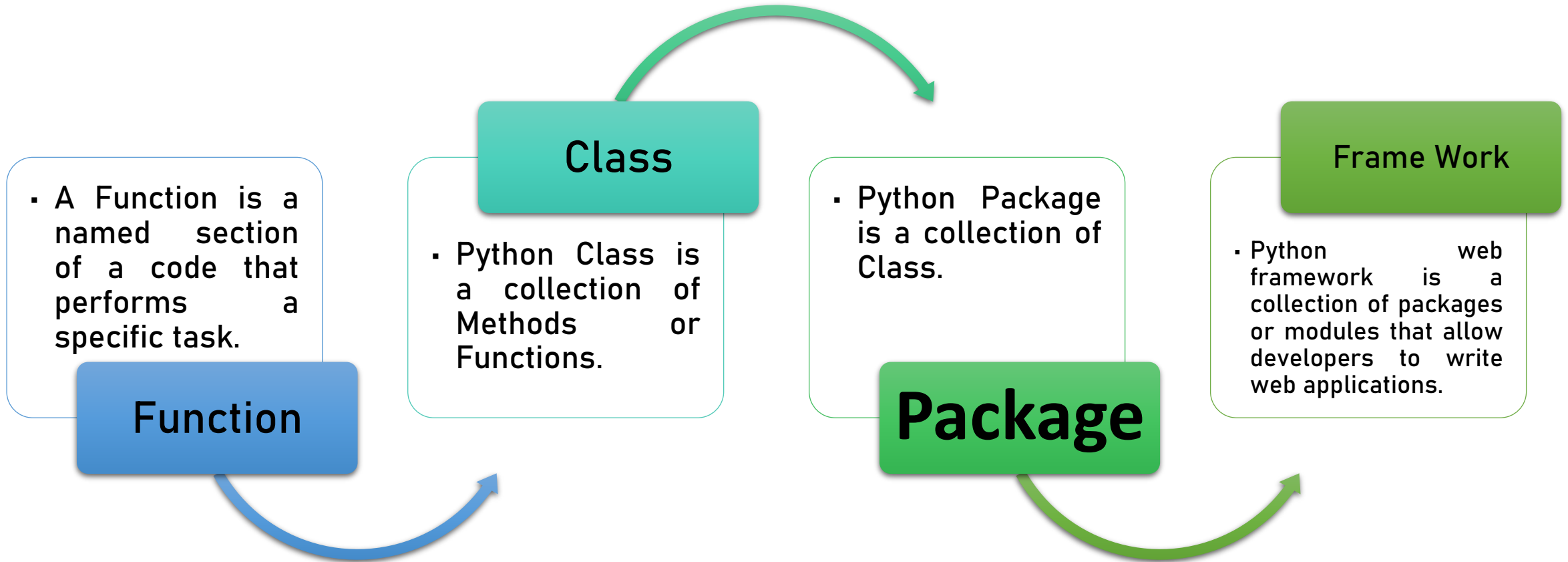
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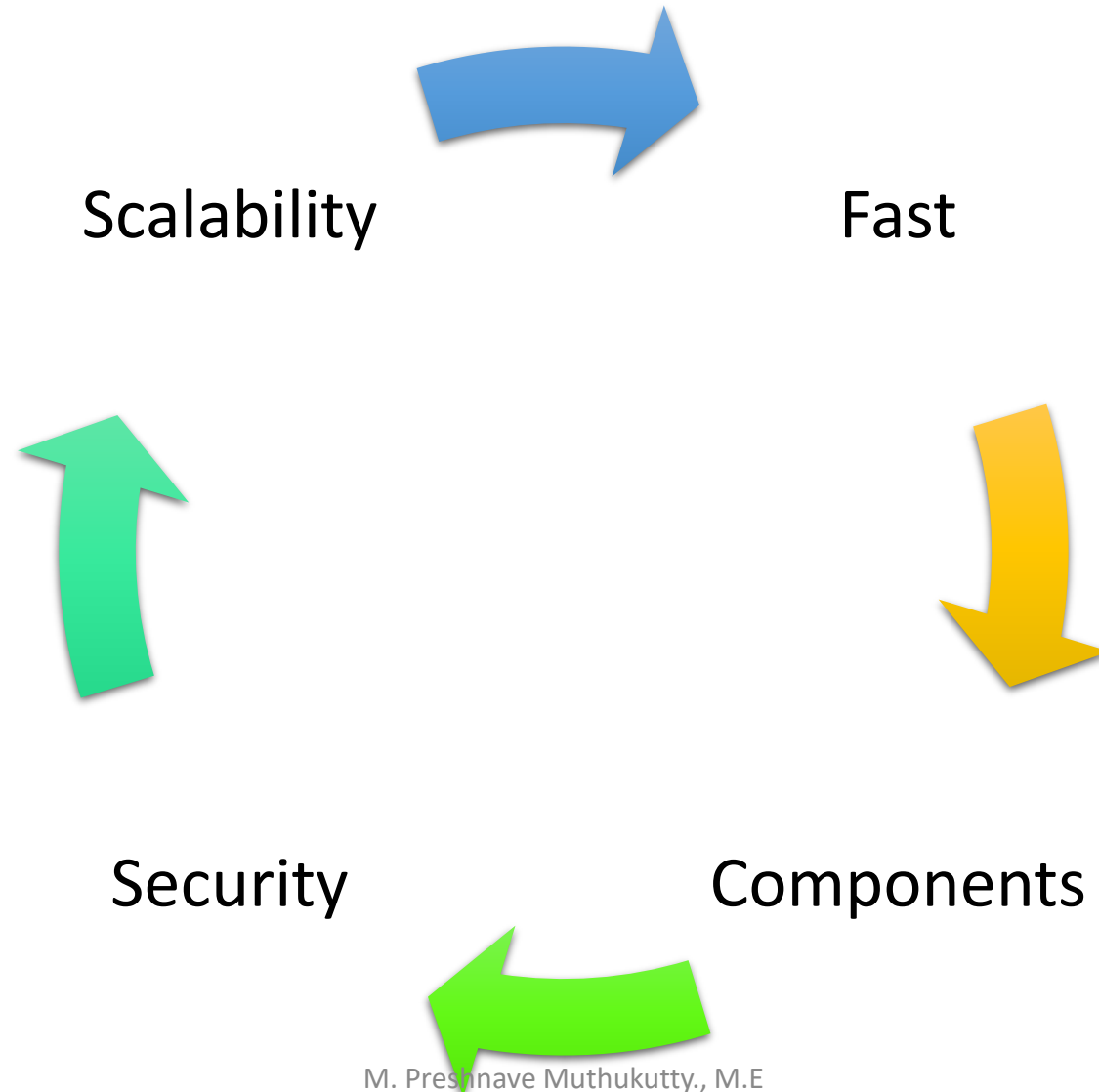
Django

- Django is a back end server side web framework.
- Django is free, open source and written in Python.
- Django makes it easier to build web pages using Python.
- Django is especially helpful for database driven websites.
- It follows “Model – View – Control” architecture pattern.

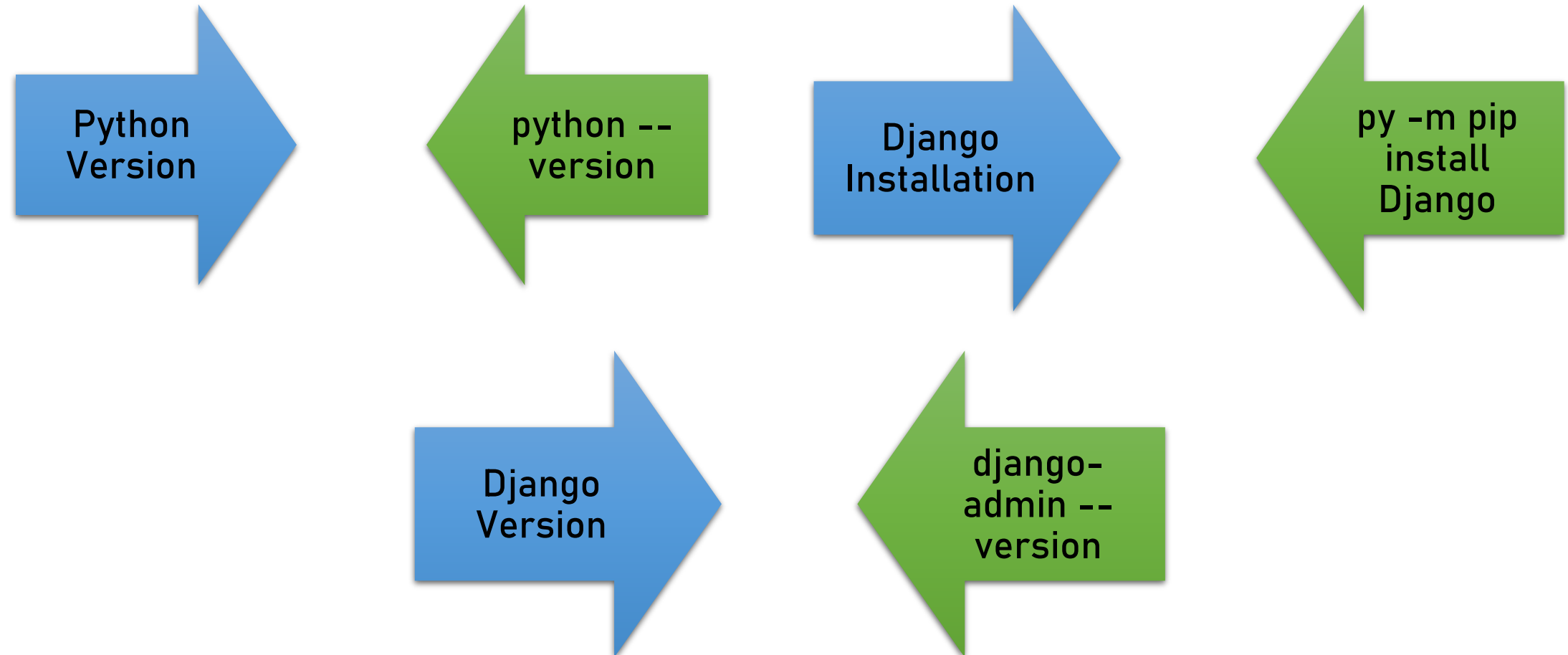
Frame Work – Package – Class – Functions



Django - Advantages

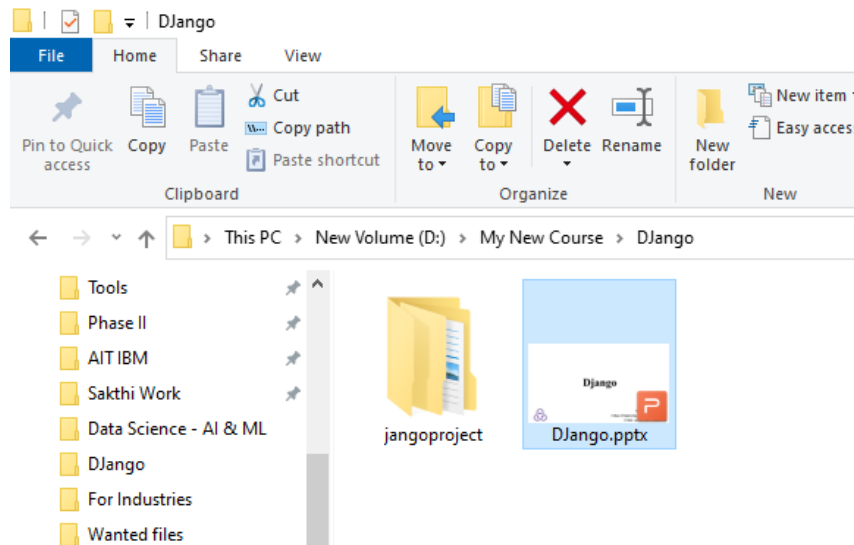


Django – Installation Procedure



Django – Create Folder

`Cd /d "D:My New Course\Django"`



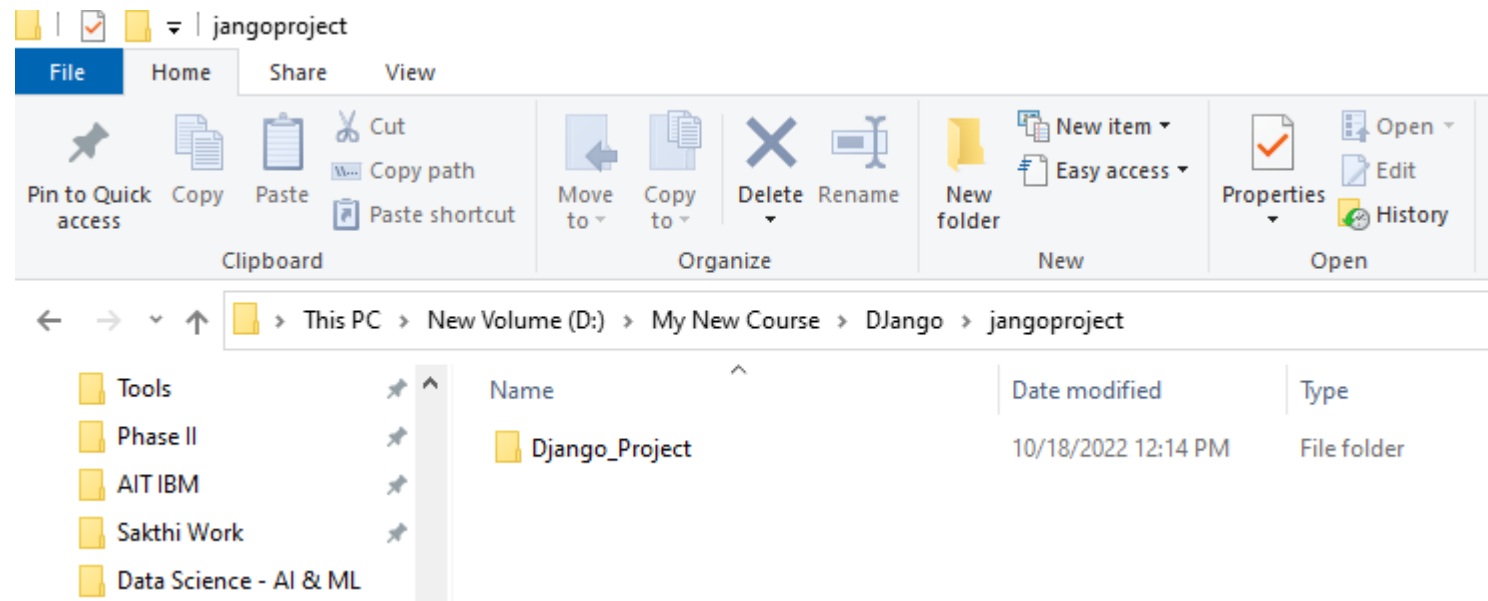
`md jangoproject`

Django – Check Version

Django-admin --version

Django – Create Folder Inside Folder

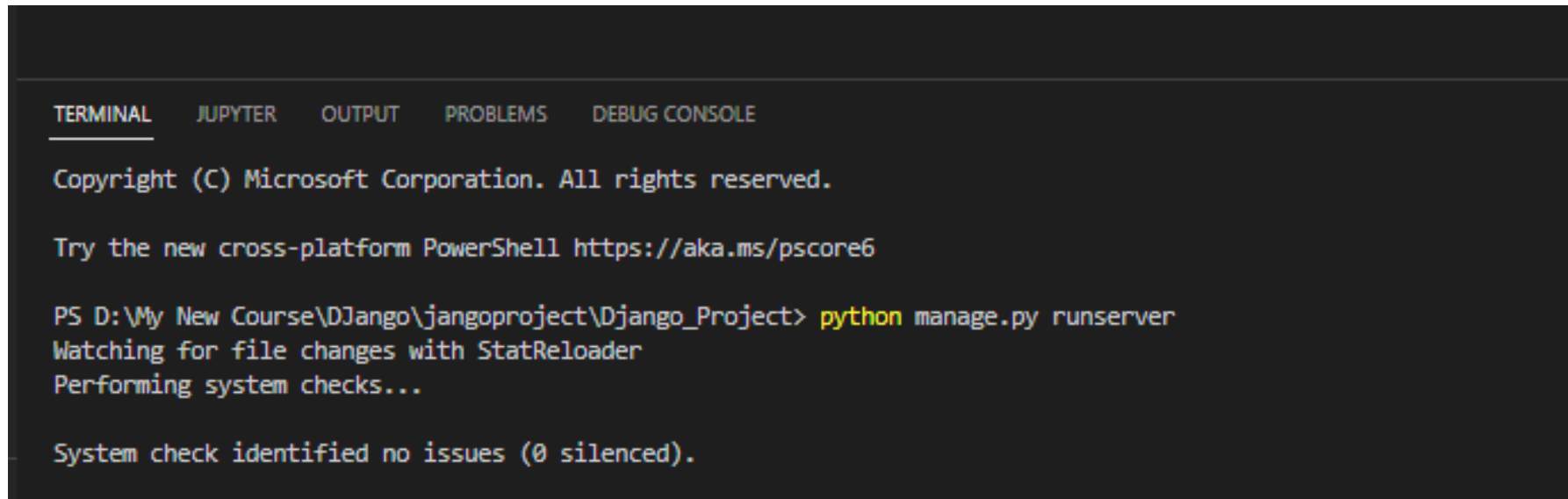
`django-admin startproject Django_Project`



Django – Create Folder Inside Folder

```
C:\Users\sakthi>cd desktop  
  
C:\Users\sakthi\Desktop>cd /d "D:\My New Course\DJango"  
  
D:\My New Course\DJango>md jango project  
  
D:\My New Course\DJango>md jangoproject  
  
D:\My New Course\DJango>django-admin --version  
4.1.2  
  
D:\My New Course\DJango>cd jangoproject  
  
D:\My New Course\DJango\jangoproject>jango-admin startproject Django_project  
'jango-admin' is not recognized as an internal or external command,  
operable program or batch file.  
  
D:\My New Course\DJango\jangoproject>django-admin startproject Django_Project  
  
D:\My New Course\DJango\jangoproject>_
```

Django – Create Server ID using VS Code



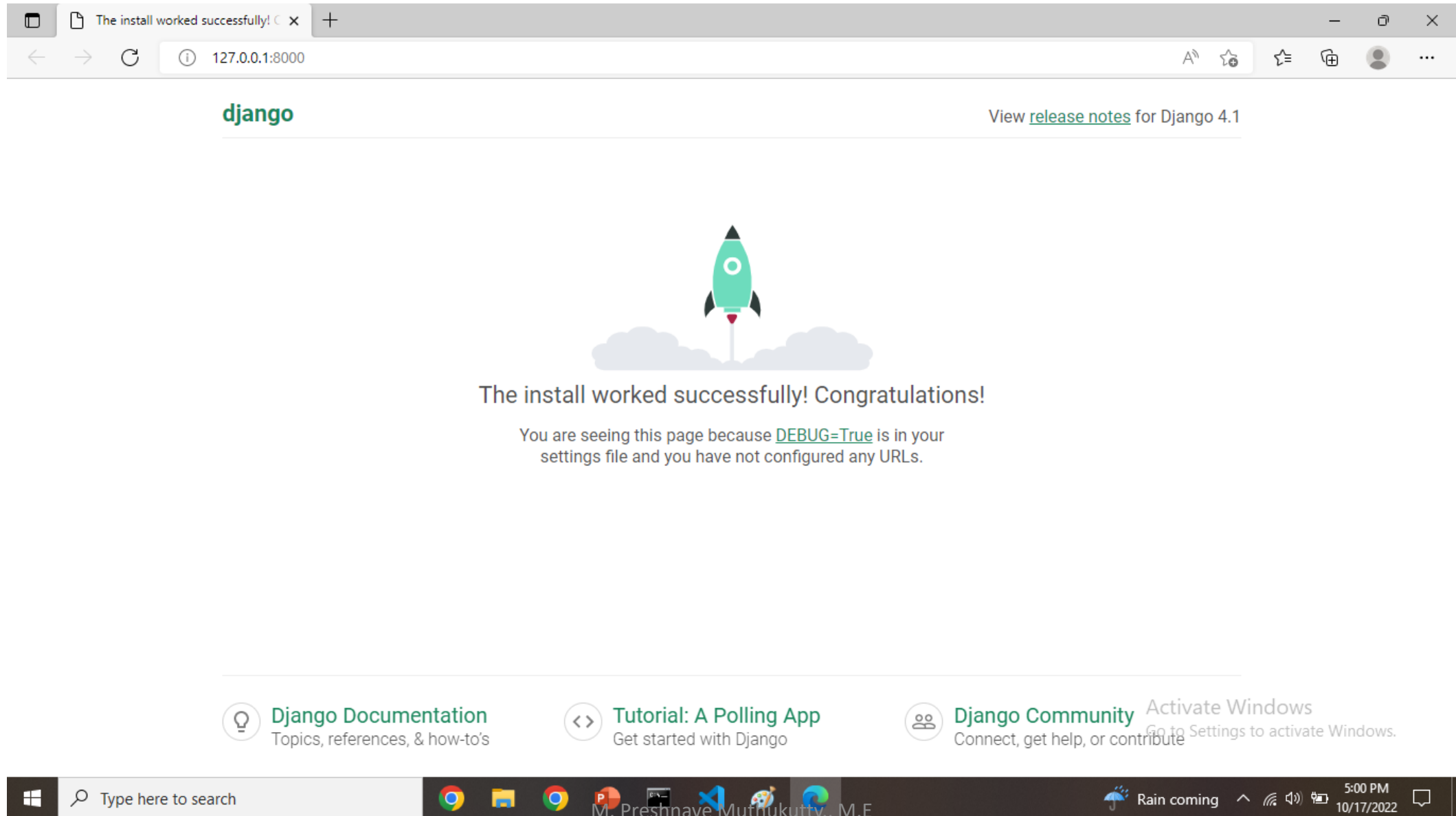
The image shows a screenshot of a terminal window within a VS Code editor. The terminal has tabs for 'TERMINAL', 'JUPYTER', 'OUTPUT', 'PROBLEMS', and 'DEBUG CONSOLE', with 'TERMINAL' being the active tab. The text in the terminal is as follows:

```
Copyright (C) Microsoft Corporation. All rights reserved.  
  
Try the new cross-platform PowerShell https://aka.ms/pscore6  
  
PS D:\My New Course\DJango\jangoproject\Django_Project> python manage.py runserver  
Watching for file changes with StatReloader  
Performing system checks...  
  
System check identified no issues (0 silenced).
```

127.0.0.1.8000 – Local host and Port Number

Control + c – For Stop

Django – Create Server ID using VS Code



The install worked successfully! Congratulations!

You are seeing this page because `DEBUG=True` is in your settings file and you have not configured any URLs.

[View release notes](#) for Django 4.1

[Django Documentation](#)
Topics, references, & how-to's

[Tutorial: A Polling App](#)
Get started with Django

[Django Community](#)
Connect, get help, or contribute

Activate Windows
Go to Settings to activate Windows.

Type here to search

Chrome, File Explorer, VS Code, PowerPoint, M. Presnave Muthukutty, M.E.

Rain coming 5:00 PM 10/17/2022

Django – Create Server ID using VS Code

```
TERMINAL  JUPYTER  OUTPUT  PROBLEMS  DEBUG CONSOLE

Starting development server at http://127.0.0.1:8000/
Quit the server with CTRL-BREAK.
[17/Oct/2022 16:59:43] "GET / HTTP/1.1" 200 10681
[17/Oct/2022 16:59:43] "GET / HTTP/1.1" 200 10681
[17/Oct/2022 16:59:47] "GET /static/admin/css/fonts.css HTTP/1.1" 200 423
[17/Oct/2022 16:59:49] "GET /static/admin/fonts/Roboto-Regular-webfont.woff HTTP/1.1" 200 85876
[17/Oct/2022 16:59:49] "GET /static/admin/fonts/Roboto-Bold-webfont.woff HTTP/1.1" 200 86184
[17/Oct/2022 16:59:50] "GET /static/admin/fonts/Roboto-Light-webfont.woff HTTP/1.1" 200 85692
Not Found: /favicon.ico
[17/Oct/2022 16:59:55] "GET /favicon.ico HTTP/1.1" 404 2118
PS D:\My New Course\DJango\jangoproject\Django_Project>
```

Control + c – For Stop

Django – Create Server ID using VS Code

