

DATE		TOPICS	PROJECT / ASSIGNMENT	
Backend - Python				
May 9 2024	Week 1	A. Installation - Installing python on windows, Installing virtualenv on windows, Creating virtualenv on windows, Installing Django on windows, Installing Django on windows, Creating a Django Project. B. Understanding the significance of Project Files - Running project on local server, Creating our first view, Adding url patterns to App, Creating another view		
May 10 2024		A. Database and Models - Introducing database and models, Storage of data in Django, Creating a database table, How tables are created in backend B. Django ORM - Introduction to Django ORM, Saving product using Django ORM, Retrieving product using ORM, Accessing Django Admin Panel		
May 16 2024	Week 2	Getting product inside view, Creating a template, Rendering template & passing context, Looping through objects, Detail view, Creating links for product detail, Namespace URIS		
May 17 2024		Styling - Introduction to styling, Adding CSS to Django project, Using base template, Adding image field to model, styling		
May 23 2024	Week 3	CRUD - Creating a form to accept products, Getting from data, Testing the form, Styling add product form, Update, Delete, TEST		
May 24 2024		Authentication - Introduction to authentication, Creating the user app, Registration form, Template to render registration form, Url patterns for registration, Authentication - Login, Logout, Login redirect URL, Adding login button to navbar, Login required decorator		
May 30 2024	Week 4	Authentication - Login, Logout, Login redirect URL, Adding login button to navbar, Login required decorator, Authentication CONTD + TEST		
May 31 2024		User Profile - Introduction to creating user profile, Creating a profile model, Designing profile page, Creating profile form, Handling post request, Associating user with product, Displaying seller contract, Creating seller profile page, Designing seller page, Creating my listing page		
Jun 6 2024	Week 5	Class Based view - Introduction to Class Based View, Class-Based Listview, Class Based Detailview, Createview, Deleteview, Redirect url remaining lecture(not necessary)		
Jun 7 2024		Admin - Modifying Admin Headers, Adding custom fields, Adding custom search fields, Adding custom actions to admin, Making fields editable, pagination, Search, E-mail, Django rest framework		
Jun 13 2024	Week 6	Deployment - Github with paying site, Serving statistics fields, EXAMINATION		
Jun 14 2024		Introduction To Python, Installation Of Python, Hello World In Python, Variables In Python, Strings In Python, Numbers In Python, Getting A User's Input, Word Replacement Exercise		
Jun 20 2024	Week 7	List In Python, List Methods, Tuples In Python, Functions In Python, The Return Keyword, IF Statements In Python, Building An Even Number Checker Program		
Jun 21 2024		Dictionaries In Python, While Loops In Python, For Loops In Python, 2D Lists, Comments In Python, Building A Basic Calculator, Try Except In Python, Reading Files, Classes and Objects In Python, Inheritance In Python, Writing Files, The Python Shell		