

M1	<b>PYTHON SYLLABUS</b>							
1	Python and Pycharm Installation, Setup first project, Variables and assignments							
2	Basic Data Types and their builtin methods, global built in functions							
3	Comments and Math Operations, Comments and Math Operations Quiz							
4	print(), more on float, more on float quiz							
5	Programming challenge: Grocery store purchase							
6	Grocery Store Purchase Solutions with integers, Grocery Store Purchase Solutions with integers							
M2	<b>TEST M1</b>							
1	strings and their functions, string exercise,							
2	string exercise solution, type(), str(), escape sequences and asterisk triangle							
3	Asterisk triangle solutions, input(), programming challenge monty python, monty python solution							
4	int(), float(), int() exercise, float() exercise, functions, programming challenge celsius to fahrenheit, celsius to fahrenheit solution with integers, celsius to fahrenheit solution with round							
5	flow control: intro, comparison operators quiz, if statements, nested if and else statements, Programming challenge Grade determinater.							
6	Grade determinater solution, elif statements Programming challenge: Roman Numeral Equivalent, truthy and falsey values.							
M3	<b>TEST M2</b>							
1	Loops: while, Programming challenge: sum of numbers from a positive integers solutions							
2	Sum of numbers from a positive integer solution, for loops, programming challenge: Find the number of characters in a string, range()							
3	Programming challenge: Fizz Buzz Solution, Programming challenge: Factorial							
4	Programming Challenge : Factorial solution							
5	String: string methods, string reverse: challenge, challenge: word counter							
6	Slicing concept list, tuple and string							
7	Introduction to classes and objects:- methods, __init__ , __del__ and special methods							
M4	<b>TEST M3</b>							
1	decorators, and in-built method decorators of class							
2	generators, lambda function, map, filters							
3	introduction to file handling with different types of files csv, json, etc and how to read, write, append those files							
	<b>PYTHON COMPLETE</b>							
M1	<b>Django M1- Syllabus</b>							
1	Introduction to django: how to create a django project, creation of virtual environment and create first page							
2	HTML Integration with django and fetching data from views to html page							
3	Introduction to models creation, ORM concepts, static files and images							
4	Different types of views class based and function based and forms							
5	Introduction to django: how to create a django project, creation of virtual environment and create first page							
6	HTML Integration with django and fetching data from views to html page							
7	Create a model for storing the user information							
8	Create a get Api for getting user information and saving it in a table							
9	Create a post Api for storing the user information in to postgres/sqlite3 database							

10	Create a get Api for getting and showing a particuler user details						
11	Create a Post api for getting and updateing a particuler user details						
12	Create a Delete api for deleting a particuler User details						
13	Create a get API for filter a user details based on name/email						
14	Create a get API for filter users details based on date						
15	Create a get API for term & Condition page and implemention on term and condition like open it on new tab						
16	Create a get API for about us page						
17	Create a post api for contact us page and send email to end user						
18	validation in all input form using java script						
M2	Django M2						
1	Social Auth with Google (Social signup login and logout) with user dashbord and profile						
2	Social Auth with facebook (Social signup login and logout) with user dashbord and profile						
3	Social Auth with Instagram (Social signup login and logout) with user dashbord and profile						
4	Social Auth with Github (Social signup login and logout) Login required decorator						
5	Social Auth with Twitter (Social signup login and logout) Login required decorator						
6	Social Auth with linkedin (Social signup login and logout) Login required decorator						
7	Social Auth with AMAZON (Social signup login and logout) Login required decorator						
8	Social Auth with Printrest (Social signup login and logout) Login required decorator						
9	Social Auth with yahoo (Social signup login and logout) Login required decorator						
10	Social Auth with Google (Social signup login and logout) Login required decorator						
M3	Django M3						
1	Abstract Base model cretaion for create user and super user						
2	Implementing multiple user type functionallty						
3	Implementing multiple model inheritence with One to One and Many to Many field						
4	Implementing User sign and activation link through email and OTP						
5	Implementing forgot password through email and OTP						
6	Implementing Login and signup with email and phone number						
7	user edit profile with image and showing the user details.						
8	Implementing friend following and followers functionallty						
9	Sending friend request through AJEX						
M4	Django M4						