Days	Python Syllabus	Remarks
Day - 1	Introduction to Python	
Day - 2	Environment setup (software installation). how to open Python-shell mode,source mode simple program save and run	
Day - 3	building blocks of python. * variables? * comment line * print statement,escape sequence, end, separator, %,doc string, type,id	
Day - 4	* datatypes? * operator?	
Day - 5	* data structure: list,tuple,set,dict (basic)	
Day - 6	* slicing	
Day - 7	How to get value at Run time? - Conditional Branching control statements: simple if, if else, if elif, nested if	
Day - 8	errors (name,type,value,indent,zerodivision, key,attribute,index,syntax)	
Day - 9	Conditional looping control statements: while, for	
Day - 10	nested loop.	
Day - 11	jumping statement(pass,continue,break)	
Day - 12	Built in functions - String functions,math function,random function	
Day - 13	data structure: list,tuple,set,dict (advanced-inbuilt function)	
Day - 14	Functions- user define function - 4 types - Functions-Recursion, global variable	
Day - 15	Functions- variable length Arguments-Default, Keyword, Arbitrary - Lambda function- (basic lambda, lambda with filter, lambda with map)	
Day - 16	Modules and Package-User program as modules and Packages. - Files-Different types of files-File operation.	
Day - 17	Errors and Exceptions Handling-Errors. Assert, Try, except, Finally - Exceptions Try, Finally, User defined exception.	
Day - 18	Object Oriented Programming-Class, Object,	
Day - 19	user defined function(object return),	
Day - 20	constructor,destructor	
Day - 21	Inheritance, and Polymorphism	
Day - 22	Reference Types- Iterator, Generator. - Reference Types -Closure, Decorators.	
Day - 23	Thread-Multithread.	
Day - 24	Graphical User Interface-Textbox, Listbox	
Day - 25	Button,Image,Option Button, Menu, Canvas.	
Day - 26	mysql installation + basic query	
Day - 27	database connectivity - insert	

Day - 28	database connectivity -search	
Day - 29	database connectivity-delete,update	
Day - 30	Project - mini	