

Introduction	Basics
Features of Python	
Keywords	
Variables	
Identifier	
Data Types	
Slicing	
Indexing	

All the Single Dtypes				
String	Methods	Format	Chart	Imm
Tuple				Mut
List		Magic M		
Dictionary				
Set				

Type Conversion				
Copy operator :	General Copy	Shallow Copy	Deep Copy	
Operators	7			
Input	Dtype	Eval		
Output	Print	Return		

Control statements				
Conditional statements	if	else	elif	Nested
Looping	While	for	Nested For, while	
Intermediate Termination	Break	Continue	Pass	
Programs With all Control statements				

Functions		
Functions	User defined	Buil-in
Types	4	
programs on Function		
Packing	Single	Double
Unpacking		
Varaibles Args	Global varaiables	

Oop's			
Introduction	Classes	Objects	
Constructor	<code>__init__</code>	Self	
Types of Members	Class	Objects	Static
Polymorphism	Method override	operator Overloading	
Inheritance	Type 5	Constructor chainig	Method chaining
Encapsulation	Public	Private	Protected
Abstraction	Abstraction method	Abstract Class	Concrete Class

Extra					
Environment (Run.py)	IDLE	Jupyter	vs code	Anaconda	Pycharm
Execution	Flow	Debugging	BreakPoints		
PIP Cmd	CLI	Install/Upgrade	reqtxt	Check	Libraries
Virtual Env Cmd	Activating	Deactivating	Py Version Venv		
Project Cmd	Managing	Dependency	Link Github		
Common Errors	variable ENV	package manager	Version Compatibility		
Universal Functions	Chart				

ADVANCE PYTHON

Code Reduce Techniques:			
	Lambda		
	Map		
	Filter		
Generators	iterators		
Decorators	**args	***vkeys	Pre
			Post
Comprehention	List	Set	Dict
File handling	Text	CSV	w,r,a
Pursing technique	Json	Pickle	
Database Connection	Sqlite	Methods	
Package Architecture	import	File	Class/method
Exception handling	Try	Exept	Types Errors
Regular Expression	Multi threading		