

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

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

Type Conversion			
Copy operator :	General Copy	Shalow 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		
Variables Args	Global varaivles	

Oop's			
Introduction	Classes	Objects	
Constructor	__init__	Self	
Types of Members	Class	Objects	Static
Polymorphism	Method override	operator Overloading	
Inheritance	Type 5	Constructor chainig	Method chaining
Encapsulation	Public	Private	Protected
Abstarction	Abstarction method	Abstarct 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	varaible 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