

Python Overview			
What is Python			
History			
Python Supporting Environments			
Python Basic Rules			
Configure Python			
IDLE/PyCharm			
Overview			
Configure Pycharm			
Python Components			
Identifier			
Keywords			
Comment			
Escape Characters			
Variable			
Data Types	Int		
	Float		
	String		
String			
List			
Tuple			
Set			
Dictionary			
Range			
Operators	Arithmetic	Addition(+)	
		Substraction(-)	
		Multiplication(*)	
		Division(/)	
		Modulus(%)	
		Increment(i=i+1)	
		Decrement(i=i-1)	
	Relational	Less than(<)	
		Greater than(>)	
		Less than or equal to(<=)	
		Greater than or equal to(>=)	
		Equal to(==)	
		Not equal to(!=)	
	Logical	and	
		or	
		not	
	Assignment	Assignment(=)	
	Exponential	**	
	Identity	is	
		is not	

	Membership	in	
		not in	
Flow Control Statements	Conditional Statements	If-Elif-Else	
	Loop Statements	For	
		While	
	Transfer Statements	Break	
		Continue	
		Pass	
Input Operation			
Exception Handling			
File Handling			
<b>Python OOPS Components</b>			
Package			
Class			
Interface			
Constructor			
Object			
Method	Concrete Method	Built-In	
		User Defined	
	Abstract Method		
<b>Python OOPS Concepts</b>			
Inheritance			
Polymorphism	Method Overloading		
	Method Overriding		
Abstraction			
Encapsulation			
<b>Python Operations</b>			
Handle Output	IDLE		
	CMD		
	PyCharm		
Handle Comment			
Handle Variable			
Handle Data Types			
Handle String			
Handle List			
Handle Tuple			
Handle Set			
Handle Dictionary			
Handle Range			
Handle Operators			
Handle Flow Control Statements			
Handle Input Operation			

Handle Exception Handling			
File Handling			
Handle Package			
Handle Class			
Handle Interface			
Handle Constructor			
Handle Object			
Handle Method			
Handle Inheritance			
Handle Polymorphism			
Handle Abstraction			
Handle Encapsulation			

### Selenium : Overview

What is Selenium			
History			
Selenium Supporting Environments			
Selenium Suite of Tools	Selenium IDE		
	Selenium RC		
	Selenium WebDriver		
	Selenium Grid		
Advantages			
Disadvantages			

### Selenium IDE : Overview

What is Selenium IDE			
Advantages			
Disadvantages			
Configure Selenium IDE			
Selenium IDE Features			
Selenese Commands			

### Selenium IDE : Operations

Handle Link			
Handle Text Box			
Handle Button			
Handle Radio Button			
Handle Dropdown Box			
Handle Check Box			
Handle Assertion			

### Selenium IDE : Exercises

Google			
<b>Selenium WebDriver : Overview</b>			
What is Selenium WebDriver			
Advantages			
Disadvantages			
Configure Selenium WebDriver			
Element Locators	id		
	name		
	class name		
	tag name		
	link text		
	partial link text		
	css selector		
	xpath		
WebDriver Methods	Browser Methods	Firefox()	
		Chrome()	
		le()	
		maximize_window()	
		get()	
		current_url	
		title	
		back()	
		forward()	
		refresh()	
		close()	
		quit()	
	Element Methods	find_element()/find_elements()	find_element_by_id()
			find_element_by_name()
			find_element_by_class_name()
			find_element_by_tag_name()
			find_element_by_link_text()
			find_element_by_partial_link_text()
			find_element_by_css_selector()
			find_element_by_xpath()
		send_keys()	

		clear()	
		click()	
		switch_to	
		text	
		is_displayed()	
		is_enabled()	
		is_selected()	
Assertion			
Synchronization		Implicit Wait	implicitly_wait()
		Explicit Wait	WebDriverWait()
Logs			
Unittest			
PyTest			
Hybrid Driven Framework			

**Selenium WebDriver : Operations**

Handle Browser	Launch Browser	Firefox	
		Chrome	
		IE	
	Maximize the Browser		
	URL Launching		
	Display WebItems	Display Current URL	
		Display Page Title	
	HandleNavigations	Back Browser Navigation	
		Forward Browser Navigation	
		Refresh Browser	
	Close Browser		
	Quit Browser		
Handle Element Locators			
Handle Multiple Elements			
Handle Link			
Handle Text Box			
Handle Text			
Handle Button			
Handle Radio Button			
Handle Dropdown Box			
Handle Check Box			
Handle Alert			
Handle Frames			

Handle Calendar			
Handle Screenshot			
Handle Assertion			
Handle Synchronization			
Handle Logs			
Handle Unittest			
Handle PyTest			
Handle Hybrid Driven Framework			

**Selenium WebDriver : Exercises**

Google			
Gmail			
Facebook			
Twitter			
LinkedIn			
MakeMyTrip			
Amazon			
Naukri			