INDEX

Name:- class:- Section:-

S.NO	DATE OF EXPERIMENT	Content	Page No.	Date of submission	REMARK
1		Installation of Python.			
2		Write a program to print different types of data types with multiline and single line comments.			
3		Write a program to print the largest number of three numbers using if else and elif.			
4		Write a program to print number 1-10 using a while loop.			
5		Write a program to check prime numbers between 1-100 using a for loop.			
6		Write a program to concatenate two strings using + operator.			
7		Write a program to reverse a string using slicing.			
8		Write a program to perform different methods of string like: len(atleast 5)			
9		Write a program to traverse all the characters of a string using a for loop.			
10		Write a program to Print abecederian series			
11		Write a program to check whether a string is present in another string or not.			
12		Write a program to print A AB ABC ABCD			
13		Write a program to Create a list with different data types.			
14		Write a program to take user input in a list from eval().			
15		Write a program to append five elements in a list by using for loop and append().			
16		Write a program to sort a list in both ascending and descending order.			
17		Write a program to count the occurrences of an element in a list.			
18		Write a program to find the index of an element in the list.			

19	Write a program to swap the first and last element of a list.	
20	Write a program to swap two no in list with	
21	given position. Write a program to check whether a no is in the list or not sublist even and odd.	
22	Write a program to demonstrate the difference between remove and pop method in a list.	
23	Write a program to insert an element into a list at a position given by the user	
24	Explain difference between list, tuple, set and dictionary	
25	Write a program to Counts the number of occurrences of item 50 from a tuple.	
26	Write a program to Check if all items in the tuple are the same	
27	Write a Program to create a tuple which is having integer, float, list and tuple as its elements and print an element present in list of these tuple	
28	Write a program to create a tuple with the name of 10 cities of India Check whether a City is present in the tuple or not	
29	Write a program to get the number of occurrence of a word in tuple.	
30	Write a program to get the index of a word in tuple	
31	Write a program to create four tuples viz roll no. name. CGPA and SGPA of students. Print individual student's details using these 4 tuples.	
32	write a Python program to create a set.	
33	Write a Python program to iterate over sets.	
34	Write a Python program to add member(s) to a set.	
35	Write a Python program to remove Item(s) from a given set.	
36	Write a Python program to remove an item from a set if it is	

37	Write a Python program to create an intersection of sets.	
38	Write a Python program to create a union of sets.	
39	Write a Python program to create set difference	
40	Write a Python program to create a symmetric difference.	
41	write a Python program to check if a set is a subset of another set.	
42	Write a Python program to remove all elements from a given set	
43	Write a Python program to find the maximum and minimum values in a set	
44	write a Python program to find length of a set	
45	Write a Python program to check if a given value is present in a set or not.	
46	Write a Python program to check if two given sets have no elements in common.	
47	Write a Python program to create a Dictionary of student information. take roll no as key	
48	Write a Python progarm to delete a key from the dictionary	
49	Write a Python program to add or update the data.	
50	Write a Python script to concatenate the following dictionaries to create a new one sample Dictionary:dic1={1:10,2:20}, dic2={3:30,4:40}	
51	Write a Python script to check whether a given key already exists in a dictionary	
52	Write a Python program to iterate over dictionaries using for loops	

53	Write a Python script to generate and print a dictionary that contains a number (between I and n) in the form (x, x*x).Sample dictionary(n=5): Expected output: {1:1,2:4,3:9,4:16,5:25}	
54	Write a python function to calculate Sum of two variables.	
55	Write a Python function to show the use of Default Parameter	
56	Write a function to find the maximum of three numbers.	
57	Write a python function to use arbitrary argument	
58	Write a Python function to reverse a string	
59	Write a Python function to print the document string	
60	Write a Python function to demonstrate the scope of local and global variable.	
61	Write a Python function to calculate the factorial of a number (a nonnegative integer). The function accepts the number as an argument	
62	Write a Python function to check whether a number falls within a given range.	
63	Write a Python function that accepts a string and counts the number of upper and lower case letters.	
64	Write a Python function that takes a list and returns a new list with distinct elements from the first list.	
65	Write a Python function that takes a number as a parameter and checks whether the numberis prime or not	
66	Write a Python program to access a function inside a function	
67	Write a Python function that checks whether a passed string is a palindrome or not.	

68	Write a python function to create and print a list where the values are the squares of numbers between 1 and 30	
69	Write a Python program to print the even numbers from a given list	
70	Write a program to create a class student with data member name. roll no. Semester. and display the data using object	
71	Write a program to demonstrate the use of _init_()	
72	Write a program for Inheritence.a) single level b) Multiple c) Multilevel d) Hybrid e) Hierarchical	
73	Write a program to demonstrate overriding	