EXPNO	TITLE OF THE EXPERIMENT	Teacher Sign
1	**Demonstrate I/O functions in python**	
	a) Write a program to calculate Simple Interest.	
	b) Write a program to calculate Compound Interest.	
2	**Conditional statements**	
	a) Write a program to check voter's eligibility.	
	b) Write a program to check the given number is odd or even	
	c) Write a program to check whether the given number is positive, negative or zero	
	d) write a program to check the greatest of three numbers	
3	**Looping statements**	
	a) Write a program to display range of numbers	
	b) Write a program to calculate sum of n numbers.	
	c) Write a program to display items from the list	
	d) Write a program to c.heck whether the given number is palindrome or not.	
	e) To write a python program to display pyramid using nested loop.	
	f) Write a program to demonstrate break statement	
	g) Write a program to demonstrate continue statement.	
	h) Write a program to demonstrate pass statement	
4	**List and related functions**	
	a) Write a program to demonstrate use of list and related functions	
	b) Write a program to split odd and even numbers from the given list.	
5	Write a program to demonstrate use of tuple and related functions	
6	Write a program to demonstrate use of dictionary and related functions	

7	**String and related functions**	
	a) Write a program to demonstrate use of string and related functions	
	b) write a python program to count vowels in a strings using function	
8	**Functions**	
	a) Write a program to perform addition using Function with No Arguments, and No Return Value	
	b) Write a program to perform to multiplication using Function with No Arguments, and with Return Value	
	c) A simple Python function to check whether given number is even or odd	
	d) Write a program to demonstrate default arguments	
	e) Write a program to demonstrate Keyword Arguments	
	f) Write a program to demonstrate *args and **kwargs	
	g) Write a program to perform addition using lambda function	
	h) Write a program to demonstrate working of map() function.	
	i) To write a python program to display powers of 2 using anonymous function	
9	**Modules**	
	a) Write a to program to find area of different shapes using user-defined module	
	b) Write a python program to demonstrate mathematical function using math module.	
	c) Write a python program to demonstrate random module and related functions.	
	d) Write a python program to demonstrate time module and related functions.	
10	**File concepts**	
	a) Write a file program to read the ccontents of a file.	
	b) Write a file program to count number of words in a given file	
	c) Write a program to read contents from one file and write into another file.	

11	Write a python program to implement exceptional handling concept.	
12	Write a program to display employee details using class and object	
13	**Constructors and Destructors**	
	a) Write a python program to implement default constructor.	
	b) Write a python program to implement parameterized constructor	
	c) Write a python program to implement eemployee details using constructors and destructors.	
14	**Inheritance**	
	a) Write a program to demonstrate single inheritance.	
	b) Write a program to demonstrate multiple inheritances.	
	c) Write a program to demonstrate multilevel inheritances.	
	d) Write a program to demonstrate hierarchical inheritances.	
15	**Polymorphism**	
	a) Write a program to demonstrate concept of overloading.	
	b) Write a program to demonstrate concept of overriding	
16	Write a program to find area and perimeter of the square and rectangle using abstract class and abstract method.	
17	**Thread**	
	a) Write a program to create thread without creating a class	
	b) Write a program to create thread by extending the Thread class	
	c) Write a python program to create thread by without extending the Thread class.	
	d) Write a program to demonstrate implementing multithreading	
	e) Write a program to implement thread synchronization concept.	

18	**GUI Programming**		
	a) Create a GUI program to validate Entry widget with Label widget and Button widget using tkinter.		
	b) Create a GUI program to copy text from one Text widget into another Text widget using tkinter		
	c) Create a GUI program using Check button widget		
	d) Create a GUI program using Radio button widget		
	e) Create a GUI program using List box widget		
	f) Create a GUI program using spin box.		
	g) Create a GUI program using frame		
	h) Create a GUI program using label frame.		
	i) Create a GUI program using Menu.		
	j) Create a GUI program to display different shapes on canvas using tkinter.		
	k) Create a program to implement GUI components on scale using tkinter library.		
	l) Create a program to implement GUI components on radio scrollbar using tkinter library.		
	m) Create a program to implement GUI components on message box using tkinter library.		
	n) Create a program to display dialog boxes using tkinter library.		
19	**Layout Managers:**		
	a) Write a python program to implement layout managers on place method using tkinter library.		
	b) Write a python program to implement layout managers on pack method using tkinter library.		
	c) Write a python program to display layout grid using tkinter library.		