

## INDEX

Week - No	S.No/Program .No	List of Programs	Pg Nos.	Date	Sign
1	1	A) Create a list and perform the following methods 1) insert() 2) remove() 3) append() 4) len() 5) pop() 6) clear()			
	2	B) Create a dictionary and apply the following methods 1) Print the dictionary items 2) access items 3) use get() 4) change values 5) use len()			
	3	C) Create a tuple and perform the following methods 1) Add items 2) len() 3) check for item in tuple 4) Access items			
2	1	A) Write a python program to add two numbers.			
	2	B) Write a python program to print a number is positive/negative using if-else.			
	3	C) Write a python program to find largest number among three numbers.			
	4	D) Write a python Program to read a number and display corresponding day using if-elif-else?			
3	1	A) Write a program to create a menu with the following options 1. TO PERFORM ADDITION 2. TO PERFORM SUBTRACTION 3. TO PERFORM MULTIPLICATION 4. TO PERFORM DIVISION Accepts users input and perform the operation accordingly. Use functions with arguments.			
	2	B) Write a python program to check whether the given string is palindrome or not.			
	3	C) Write a python program to find factorial of a given number using functions			
	4	D) Write a Python function that takes two lists and returns True if they are equal otherwise false			
4	1	A) Write a program to double a given number and add two numbers using lambda()?			
	2	B) Write a program for filter() to filter only even numbers from a given list.			

	3	C) Write a program for map() function to double all the items in the list?			
	4	D) Write a program to find sum of the numbers for the elements of the list by using reduce()?			
5	1	A) Demonstrate a python code to implement abnormal termination?			
	2	B) Demonstrate a python code to print try, except and finally block statements			
	3	C) Write a python program to open and write "hello world" into a file?			
	4	D) Write a python program to write the content "hi python programming" for the existing file.			
6	1	A) Write a python program to get python version.			
	2	B) Write a python program to open a file and check what are the access permissions acquired by that file using os module?			
	3	C) Write a python program to display a particular month of a year using calendar module.			
	4	D) Write a python program to print all the months of given year.			
7	1	A) Write a python program to print date, time for today and now.			
	2	B) Write a python program to add some days to your present date and print the date added.			
	3	C) Write a python program to print date, time using date and time functions			
	4	D) Write a python program which accepts the radius of a circle from user and computes the area (use math module).			
8	1	A) Write a python program to create a package (college),sub-package (allddept),modules(it,cse) and create admin and cabin function to module?			
	2	B) Write a python program to create a package (Engg), sub-package( years),modules (sem) and create staff and student function to module?			
9	1	A) Write a python Program to display welcome to MRCET by using classes and objects.			
	2	B) Write a python Program to call data member and function using classes and objects			
	3	C) Write a program to find sum of two numbers using class and methods			

	4	D) Write a program to read 3 subject marks and display pass or failed using class and object.			
10	1	A) Using a numpy module create an array and check the following: 1. Type of array 2. Axes of array 3. Shape of array 4. Type of elements in array			
	2	B) Using a numpy module create array and check the following: 1. List with type float 2. 3*4 array with all zeros 3. From tuple 4. Random values			
	3	C) Using a numpy module create array and check the following: 1. Reshape 3X4 array to 2X2X3 array 2. Sequence of integers from 0 to 30 with steps of 5 3. Flatten array 4. Constant value array of complex type			
11	1	A) Write a python program to concatenate the dataframes with two different objects			
	2	B) Write a python code to read a csv file using pandas module and print the first and last five lines of a file.			
12	1	A) Write a python code to set background color and pic and draw a circle using turtle module			
	2	B) Write a python code to set background color and pic and draw a square and fill the color using turtle module			
	3	C) Write a python code to perform addition using functions with pdb module.			