Shaima.M.S Weekly Report 7

DATE	TOPIC	TASK
17-06-2024 Monday	Holiday	NA
18-06-2024 Tuesday	No Class	Task: 1. Python program to implement a calculator to do basic operations 2. Check if a string is a palindrome. 3. Reverse a string. 4. Generate Fibonacci sequence based on user input. 5. Build a simple multiple-choice quiz program. 6. Python program to check whether the given number is even or not. 7. Python program to find out the average of a set of integers 8. Python program to find the circumference and area of a circle with a given radius 9. Python program to check whether the given integer is a multiple of 5 10. Python program to find the average of 10 numbers using while loop 11. Python program to display the given integer in a reverse manner 12. Python program to find the sum of the digits of an integer using a while loop 13. Python program to display the sum of n numbers using a list 14. Python program to check leap year 15. display the current date and time
19-06-2024 Wednesday	No Class	NA
20-06-2024 Thursday	Python 1. Array • Create Array • Len() function • Iterate using for loop • Append() • Insert() • Pop() • Remove() • Reverse() 2. Lambda function 3. Date time • Current date and time	Classwork: 1. Python program to create an array 2. Display the items in an array 3. Find the length of the array 4. Iterate items in an array using for loop. 5. Append items to an array 6. Insert an item in between the array 7. Delete the element at position 2 8. Delete the last element of an array 9. Remove '3' from the array 10. Program to reverse the element of an array. 11. Find the square of a number using lambda function. 12. Find the addition of two numbers using lambda function

	- String to date conversion using strptime() - Date to string conversion using Strftime() 4. File handling - Open a file Open() - Read a file Read() Readline() - Write into a file Write() - Append content to an existing file - Create a file - Close a file close()	13. Find the multiplication of three numbers using lambda function 14. Program to display the current date and time. 15. Display the current year 16. Display the current month 17. Program to convert the given date in string to date format. 18. Convert the date into string 19. Display the year in string 20. Display the month in string 21. Display the current time in string 22. Display the day in string 23. Create a text file file.txt 24. Open the file file.txt in read mode 25. Read the whole content in the file. 26. Read 5 characters in the file 27. Read first line from the file 28. Read second line from the file 29. Close the file 30. Append the contents to the file 31. Write into the file 32. Create a new file 33. Remove the file <u>Task:</u> 1. Python program to do file operations.
21-06-2024 Friday	Python 1. Operators (*,/,//,**) (=,+=) (==,<=,>=) (and ,or) 2. Exception handling 3. Inheritance	<u>Classwork:</u> 1. Python program performing arithmetic operations. 2. Python program performing comparison operations 3. Python program performing logical operations . 4. Python program using exception handling. 5. Program using one parent class and child class. 6. Program demonstrating multilevel inheritance <u>Task:</u> 1. Python program demonstrating multiple inheritance.