1. Write a Python program to display a given Integer in reverse manner. 2. Write a Python program to find the sum of the digits of an integer. Write a Python program to display all the multiples of 4 within the range 4 to 100. 4. Python program to find the count of odd numbers in a list 5. Write a Python program of calculator to do basic operations using functions as per user choice. [choices: +,-,*,/ 6. Write a function that accepts list1[1,2,3,4,5,6,7,8,9,10] as an argument and then returns the sum of even number of the list. 7. Write a Python program to display all integers within the range 100-200 whose sum of digits is an even number. 8. Write a Python program to find the Nth term in a Fibonacci series using recursion. 9. Python program to print the numbers from a given number n till 0 using recursion. 10. Write a Python Program that contains Functions to implement Arbitrary arguments, keyword and positional arguments together. 11. Write a Python program to find the largest number in a list. 12. Write a Python Program to explain Comparison and Identity operators. 13. Write a Python program to check leap year 14. Write a Python Program to demonstrate the use of global and local variables. 15. Write a Python program print the following series

- 1. Write a Python Program to find an element in the List. If the element exists at multiple locations in the list, then print all the index positions where the element is present and also, count the number of times the element is repeated in the list.
- 2. Write a Python Program Containing a Tuple With +<u>ye</u> and -<u>ye</u> Numbers. Make a New Tuple Contains Only The Numbers Which are Divisible either 3 and 5
- 3. Write a Python Program so that Set1 is the Set containing prime numbers from 2 to 30 and Set2 is the Set containing Odd Numbers from 1 to 20. Now perform the following Operations on the Two Sets, Union, Intersection, Difference, Symmetric difference
- 4. Write a Python Program That Contains a Dictionaries of Students Name, HTNO and Max Marks, Find Toppers in the Class.
- 5. Write a Python Program To create a list of positive and negative random elements without duplicates.
- 6. Write a Python Program To Perform Write, WriteLines, Read, ReadLines Methods on Files. (
- 7. Write a Python Program To Demonstrate "try...except..else" with a suitable example.
- 8. Write a Python Program To Demonstrate "raise" with a suitable example.
- 9. Write a Python Program To create a TEXT file, enter some data into it, print the data and current file pointer position
- 10. Write a Python Program To generate a password of unique 6 letter, two digits and two special characters
- 11. Write a Python Program To Find Regular Expression for a Mobile number and a EmailID.
- 12. Write a Python Program To Demonstrate the enumeration of student name list.
- 13. Write a Python Program To Find Map and Reduce Functions using Lambda.
- 14. Write a Python Program To Explain Five Methods from Math and Random Modules.
- 15. Write a Python Program To generate 30 lottery tickets of 6 digits and declare three winners from it.
- 16. Write a Python Program To create a csv file and enter few data elements into it.