1. 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()

2. Create a list and perform the following methods 1) insert() 2) remove() 3) append() 4) len() 5) pop() 6) clear()

3. Write a python program to print a number is positive/negative using if-else

4. Write a program to create a menu with the following options 1. TO PERFORM ADDITITON 2. TO PERFORM SUBTRACTION 3. TO PERFORM MULTIPICATION 4. TO PERFORM DIVISION Accepts users input and perform the operation accordingly. Use functions with arguments.

5. Write a python program to find factorial of a given number using functions

6. Demonstrate a python code to print try, except and finally block statements

7. Write a python program to open and write "hello world" into a file?

8. Write a python program to write the content "hi python programming" for the existing file.

9. Program to demonstrate multilevel inheritance

10. Program to demonstrate multiple inheritance.

11. 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

12. Write a program to demonstrate statistical function using numpy

13. Write a python program to concatenate the dataframes with two different objects

14. Write a python code to read a csv file using pandas module and print the first and last five lines of a file.

15. Write a program to demonstrate different descriptive statistics function using pandas

16. Write a program to demonstrate Linear Algebra function using SciPy Library

17. Write a program to handle missing values in data set

18. Write a program to handle duplicate values in data set

19. Write a program to perform Vectorized String Operations using pandas

20. Program to demonstrate different plotting methods