INDEX :

13. Write a Python program to capitalize first and last letters of each word of a given string.
14. Write a Python program to remove duplicate characters of a given string.
15. Write a Python program to compute sum of digits of a given string.
16. Write a Python program to find the second most repeated word in a given string.
17. Write a Python program to change a given string to a new string where the first and last chars have been exchanged.
18. Write a Python program to multiply all the items in a list.
19. Write a Python program to get the smallest number from a list.
20. Write a Python program to append a list to the second list.
21. Write a Python program to generate and print a list of first and last 5 elements where the values are square of numbers between 1 and 30 (both included).
22. Write a Python program to get unique values from a list.
23. Write a Python program to convert a string to a list.
24. Write a Python script to concatenate the following dictionaries to create a new one:

```
d1 = {'A':1, 'B':2, 'C':3}
d2 = {'D':4}
```

Output should be:

```
{'A':1, 'B':2, 'C':3, 'D':4}
```

25. Write a Python script to check if a given key already exists in a dictionary.
26. Read a text file line by line and display each word separated by a #.
27. Read a text file and display the number of vowels/ consonants/ uppercase/ lowercase characters in the file.
28. Write a program to remove all the lines that contain the character `a' in a file and write it to another file.
29. Create a binary file 'result' with roll number, name and marks. Dispaly all details. Input a roll number and update the marks. Search for a given roll number and display the name, if not found display appropriate message.
30. Write a Python program to implement a stack using a list data-structure employee.Write push() pop() and display() functions and call them in main program.

31. Write a menu driven program (i)to create binary file “employee” (ii) Enter details such as id name designation and department of employees (iii) Display details of all employees (iv) Search detail of an employee on the basis of id (v)Update designation of an employee.

32.Write a menu driven program to (i) create a text file poem.txt (ii)display contents of file poem.txt (iii) function to count words starting with alphabet ‘w’(iv) function to calculate size of text file poem.txt (v) function to count total number of alphabets(vii)function to copy text in new file new.txt after converting text in upper case.

33. Write a program to create a CSV_file “product.csv”. Enter details such as product_id, Product_name, Product_price . Display all the product details from file “product.csv”.

34. Write program to delete a product detail from the above csv file “product.csv”.

35. Write a menu driven program to create connectivity with a table ‘student’ already created in a database ‘school’ under MySql.

(i)Write function to insert data as admission number and name of student in above table ‘student’.

(ii)Write function to display data from table ‘student’.

(iii)Write function to change admission number of a student.

(iv)Write a function to delete detail of a student on the basis of admission number.

36. Write a menu driven program

(i)To create a stack of integers.

(ii) Display all the values from the stack.

(iii) Delete an element from the stack.

(iv) Display total number of values stored in a stack.

37. Write a menu driven program to create connectivity with a table ‘movie’ already created in a database ‘Entertainment’ under MySql.

(i)Write function to insert data as movie_code,movie name and director name of movie in above table ‘movie’.

(ii)Write function to display data from table ‘movie ’ of a particular director.

(iii)Write function to change director name of a movie.

(iv)Write a function to delete detail of a movie on the basis of movie_code.

38.ALL MySQL COMMAANDS