

Assignment No.01

1. Write a program to read a list of number from the user and remove the two largest and two smallest values from it. Display the list with removed values , followed by the original list. Your program should generate an appropriate message if the user enters less than 5 values.

2. Given an integer N as input.

Write a program a number diamond of $2*N - 1$ rows.

No of rows in diamond 5.

The output will be :::

1

1 2

1 2 3

1 2 3 4

1 2 3 4 5

1 2 3 4

1 2 3

1 2

1

3. Write a program to find the minimum no of notes required for the amount M.

Available note denominations are 500:50:10:1

The output should be 500: 3 50: 0 10: 4 1:3

The first integer is a single integer M.

4. write a function with the name calculate_league_points then takes the number of wins, draws, and losses and calculates the number of points a football team has obtained so far - Each win is equal to 4 points - Each win is equal to 2 points - Each win is equal to -1 points

5. Accept string input. Display if the string is Palindrome or Not a Palindrome

6. Accept string input. Count vowel and consonant characters in the string. Display the string in reverse order.

7. Accept string input. Display each character of the string (vertical order) Count and display total characters in the string.

8. Accept student name and grade and save it to a dictionary. Display the content of the dictionary. Display the name and grade of student with the highest and lowest grade.

9. Accept integer number and store it to a list until user input is 0 Display the content of the list and size of the list.

10. Display the highest and lowest numbers in the list and the index number it can be found.