Good morning students ,
For today : (28th April, Tuesday)

We have already finished this chapter.... Review of Python basics .... Also the solved question answers .

1. Please do the unsolved problems of the exercise question numbers 17 to 32 .

Please upload the homework by night (by 9 pm), definitely .

That's all for today .

Thanks . 1:33 am ✓

17. Write a code to calculate and display total marks and percentage of a student from a given list storing the marks of a student.

18. Write a Program to multiply an element by 2 if it is an odd index for a given list containing both numbers and strings.

19. Write a Program to count the frequency of an element in a given list.

20. Write a Program to shift elements of a list so that the first element moves to the second index and second index moves to the third index, and so on, and the last element shifts to the first position.

    Suppose the list is [10,20,30,40]

    After shifting, it should look like: [20,30,40,10]

21. A list Num contains the following elements:

    3, 25, 13, 6, 35, 8, 14, 45

    Write a function to swap the content with the next value divisible by 5 so that the resultant list will look like:

    25, 3, 13, 35, 6, 8, 45, 14

22. Write a program to accept values from a user in a tuple. Add a tuple to it and display its elements one by one. Also display its maximum and minimum value.

23. Write a program to input any values for two tuples. Print it, interchange it and then compare them.

24. Write a Python program to input 'n' classes and names of their class teachers to store them in a dictionary and display the same. Also accept a particular class from the user and display the name of the class teacher of that class.

25. Write a program to store student names and their percentage in a dictionary and delete a particular student name from the dictionary. Also display the dictionary after deletion.

26. Write a Python program to input names of 'n' customers and their details like items bought, cost and phone number, etc., store them in a dictionary and display all the details in a tabular form.

27. Write a Python program to capitalize first and last letters of each word of a given string.

28. Write a Python program to remove duplicate characters of a given string.

29. Write a Python program to compute sum of digits of a given string.

30. Write a Python program to find the second most repeated word in a given string.

31. Write a Python program to change a given string to a new string where the first and last chars have been exchanged.

32. Write a Python program to multiply all the items in a list.

33. Write a Python program to get the smallest number from a list.

34. Write a Python program to append a list to the second list.

35. 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).

36. Write a Python program to get unique values from a list.

37. Write a Python program to convert a string to a list.

38. 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}
```

39. Write a Python script to check if a given key already exists in a dictionary.