Question 1- Write a program to input three numbers and swap them as this:

First number becomes second number, second number becomes third number, and third number becomes the first number

Question 2- Write a program to input three numbers and swap them as this:

1st number gets the value of 1st+2nd

2nd number gets the value of 1st+3rd

3rd number gets the value of 3rd+2nd

Question 3- Write a program to check given string is present in user input.

S = "I love python Programming"

Question 4- Write a program to calculate cost price if selling price and loss percentage are given:

CP = ( SP \* 100 ) / ( 100 – percentage loss )

Questions 5- Write a program to calculate compound interest .

a = p \* (pow((1 + r / 100), t))

CI = a - p

A = Amount

P = initial principal balance

r = interest rate

t = number of time periods elapsed

Question 6- Write a program to find out length of string.

Question 7- Given a string s ="12345" . Can you write an expression that gives sum of all the digits shown inside the string s

i.e : the program should be able to produce the result as 15 ( 1+2+3+4+5 )

'HINT : use indexes and convert to integer'

Question 8- Write a program if you are given a string. Split the string on a " " (space) delimiter and join using a - hyphen.

e.g : 'this is a string' output should be like ''this' 'is' 'a' 'string''

Question 9- Write a program to calculate the area of triangle using Heron's Formula where a, b, c are the sides of the triangle.

Hint :- s=(a+b+c)/2 and Area = sqrt( s(s-a)(s-b)(s-c) )

Question 10- Write a program given 2 strings, s1 and s2, create a new string by appending s2 in the middle of s1.

e.g :

inputs : s1 = "Ault" s2 = "Kelly"

ouput : AuKellylt

Question 11- Write a program to arrange string characters into lowercase letters.

e.g :

input : str1 = PyThon

output : python

Question 12- Write a Python program to display the current date and time.

Question 13- Write a Python program which accepts the user's first and last name and print them in reverse order with a space between them.

Question 14- Write a program to given a three-digit integer (i.e. an integer from 100 to 999). Find the sum of its digits and print the result.

e.g : Input : 476

Output : 17

Question 15- Write a program to arrange string characters into lowercase letters.