Assignment

1. WAP to print all the characters of a string present at even index without using slicing.
2. WAP to find some of all the odd numbers b/w the range 20-60.
3. Consider a list input, extract all the string inside it and print the reversed string.
4. WAP to extract all the individual data items of a list. If length of extracted output is more than 4, print the first value of output else print last value of the output list and add 10 to it.
5. Reverse a string without using slicing. If the string is palindrome print length of a string else print the output concatenated with 'RCB'.
6. WAP to extract all the floating values of a tuple present at even index and ends with even number and starts with odd number.
7. WAP to extract all the digits present in a string.
8. WAP to replace space by '#' of a string

     Ex: i/p → 'ee sala cup namde'

         o/p → 'ee#sala#cup#namde'
9. WAP to count the number of vowels present in a string.
10. WAP to extract all the special characters present in string only if the ASCII value of the character is even and palindrome.
11. WAP to extract all the integers present in a list only if it is present in odd index.
12. WAP to print cube of numbers between the range 15-30.
13. WAP to find product of all the floating number present in a tuple collection.
14. WAP to find sum of individual digits of a string.

    Ex: i/p = "im a 420 you are 840"

      o/p = 18
15. WAP to find the greatest number in a given list of integers.

16. Consider a homogenous tuple and divide the input into two outputs of even number and odd number
17. WAP to count the number of occurrence of specified character.

Ex: st = 'pyspiders rajajinagara'

ch = 'a'

output = 5 (number of times 'a' is repeated)
18. WAP to find the sum of cube of numbers in a given string.

string ='ab4hjk2dfjks12adsjk4'

out=145
19. WAP to store the factors of a integer number in a tuple.

Ex1:   n = 6

o/p = [1,2,3,6]

Ex2: n=20

o/p = [1,2,5,10,20]
20. WAP to extract all the list data items preset inside the list only if those are having middle value.