1..........

str='sandeep'  
print('length:',len(str))

# 2............

str='sandeep'  
x=str.count('e',0)  
print('e:',x)

# 3..............

str='sandeep'  
if len(str) < 2:  
 print("")  
else:  
 ns=str[:2]+str[-2:]  
print(ns)

# 4.................

str = 'Restart'  
str = str.replace('r', '$')  
print('new version of string::')  
print(str)

5.............

a = 'i am the best'  
print(a)  
if (a[0] == 'i'):  
 print('it has sepecific character')  
else:  
 print('not')

# 6...........................

def add\_string(str1):  
 length = len(str1)  
 if length > 2:  
 if str1[-3:] == 'ing':  
 str1 += 'ly'  
 else:  
 str1 += 'ing'  
 return str1  
print(add\_string('ab'))  
print(add\_string('abc'))  
print(add\_string('string'))

# 7..............

def not\_poor(str1):  
 snot = str1.find('not')  
 spoor = str1.find('poor')  
 if spoor > snot and snot > 0 and spoor > 0:  
 str1 = str1.replace(str1[snot:(spoor + 4)], 'good')  
 return str1  
 else:  
 return str1  
print(not\_poor('The lyrics is not that poor!'))  
print(not\_poor('The lyrics is poor!'))

# 8.......................

a = ['you', 'are', 'beautiful']  
maxx = len(a[0])  
temp = a[0]  
for i in a:  
 if (len(i) > maxx):  
 maxx = len(i)  
 temp = i  
print('the longest word is', temp)  
print('length of word is', maxx)

# 9..................

str = 'lifeisfun'  
n = 4  
  
modify\_str = ''  
for char in range(0, len(str)):  
 if (char != n):  
 modify\_str += str[char]  
print("modify the string after remove ", n)  
print(modify\_str)

# 10............

string = input("Enter a string :-")  
new\_str = string[-1] + string[1:-1] + string[0]  
print(new\_str)

# 11................

str1 = 'i am the best'  
str2 = ""  
for i in range(len(str1)):  
 if (i % 2 == 0):  
 str2 = str2 + str1[i]  
print('previous string:', str1)  
print('new string', str2)

# 12..........

str=len('life is very beautiful'.split())  
print('count the given words: ',str)

# 13.........

str = input('enter any string: ')  
print(str.upper())  
print(str.lower())

# 14...............

str = input('enter any input: ')  
str2 = str.split(',')  
str2.sort()  
print(',').join(str)

# 15............

def add\_tags(tag, word):  
 return "<%s>%s</%s>" % (tag, word, tag)  
print(add\_tags('i', 'sandeep'))  
print(add\_tags('b', 'munday'))

# 16.................

test\_str = 'sandeep play'  
  
# printing original string  
print("The original string is : " + str(test\_str))  
  
# initializing mid string  
mid\_str = "love to"  
  
# splitting string to list  
temp = test\_str.split()  
mid\_pos = len(temp) // 2  
  
# appending in mid  
res = temp[:mid\_pos] + [mid\_str] + temp[mid\_pos:]  
  
# conversion back  
res = ' '.join(res)  
  
# printing result  
print("Formulated String : " + str(res))

18Python function to get a string made of its first three characters of a specified string. If the length of the string is less than 3 then return the original string.

a = 'python'  
if (len(a) > 3):  
 print(a[:3])  
else:  
 print(a)

#19program to get the last part of a string before a specified character

#20Python function to reverses a string if it's length is a multiple of 4

a = 'pythonclass'  
if (len(a) % 4 == 0):  
 print(a[::-1])  
else:  
 print(a)

#21Python function to convert a given string to all uppercase if it contains at least 2 uppercase characters in the first 4 characters\

a = 'sandeep'  
num = 0  
for x in a[:4]:  
 if (x.upper() == x):  
 num += 1  
if (num >= 2):  
 print(a.upper())  
else:  
 print(a)

#22Python program to remove a newline in Python

a = 'python class\n'  
print(a)  
print(a.rstrip())  
print(a)

#23Python program to check whether a string starts with specified characters.

a = 'sandeep'  
print(a.startswith('Pr'))