Ans 1

str='manpreet'

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

Ans 2

str1= input('enter your string:')

d1 = dict()

for c in str1:

if c in d1:

d1[c] += 1

else :d1[c] = 1

print(d1)

Ans 3

def string\_both\_ends(str):

if len(str) < 2:

return ''

return str[0:2] + str[-2:]

print(string\_both\_ends('w3resource'))

print(string\_both\_ends('w3'))

print(string\_both\_ends('w'))

Ans 4

str = 'Restart'

str = str.replace('r', '$')

print('new version of string::')

print(str)

Ans 5

def chars\_mix\_up(a, b):

new\_a = b[:2] + a[2:]

new\_b = a[:2] + b[2:]

return new\_a + ' ' + new\_b

print(chars\_mix\_up('abc', 'xyz'))

Ans 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'))

Ans 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!'))

Ans 8

def find\_longest\_word(words\_list):

word\_len = []

for n in words\_list:

word\_len.append((len(n), n))

word\_len.sort()

return word\_len[-1][0], word\_len[-1][1]

result = find\_longest\_word(["PHP", "Exercises", "Backend"])

print("\nLongest word: ",result[1])

print("Length of the longest word: ",result[0])

Ans 8

def remove\_char(str, n):

first\_part = str[:n]

last\_part = str[n+1:]

return first\_part + last\_part

print(remove\_char('Python', 0))

print(remove\_char('Python', 3))

print(remove\_char('Python', 5))

Ans 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)

)

Ans 10

string = input("Enter a string :-")

new\_str = string[-1] + string[1:-1] + string[0]

print(new\_str

Ans 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)

Ans 12

str=len('life is very beautiful'.split())

print('count the given words: ',str)

Ans 13

str = input('enter any string: ')

print(str.upper())

print(str.lower())

Ans 14

str = input('enter any input: ')

str2 = str.split(',')

str2.sort()

print(',').join(str)

Ans 15

def add\_tags(tag, word):

return "<%s>%s</%s>" % (tag, word, tag)

print(add\_tags('i', 'sandeep'))

print(add\_tags('b', 'munday'))

Ans 16

test\_str = 'Manpreet Singh'

# 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))

Ans 17

Ans 18

a = 'python'

if (len(a) > 3):

print(a[:3])

else:

print(a)

Ans 19

Ans 20

a = 'pythonclass'

if (len(a) % 4 == 0):

print(a[::-1])

else:

print(a)

Ans 21

a = 'Manpreet'

num = 0

for x in a[:4]:

if (x.upper() == x):

num += 1

if (num >= 2):

print(a.upper())

else:

print(a)

Ans 22

a = 'python class\n'

print(a)

print(a.rstrip())

print(a)

Ans 23

a = 'Manpreet'

print(a.startswith('Pr'))