```
##answer 1
print()
print("############# answer 1 ###############")
print("answer 1")
str="my first python class"
print(len(str))

##answer 2
print()
print("############# answer 2  ###############")
print("answer 2")
str="google"
str_count=str.count('g')
print(str_count)
str_count=str.count('o')
print(str_count)
str_count=str.count('l')
print(str_count)
str_count=str.count('e')
print(str_count)
##answer3
print()
print("############# answer 3 ###############")
print("answer 3")
str="w3resourse"
p=str[:2]
q=str[-2:]
print(p+q)
str="w3"
p=str[:2]
q=str[-2:]
```

```
print(p+q)


#answer 4
print()
print("############# answer 4 ###############")
str="restart"
print(str.replace('r','$'))

def change_char(str1):
  char = str1[0]
  str1 = str1.replace(char, '$')
  str1 = char + str1[1:]

  return str1

print(change_char('restart'))

##answer 5
print()
print("############# answer 5 ###############")
def string_mix(a,b):
    new_a=b[:2]+a[2:]
    new_b=a[:2]+b[2:]
    print(new_a +' '+ new_b)
print(string_mix('abc','xyz'))

##answer 6
print()
print("############# answer 6 ###############")
str="string"
if(str[-3:]!='ing'):
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    print('expected result:' ,str + 'ing')
else:
    print("expected result:", str[:-3] + 'ly')



##answer 7
    print()
print("############# answer 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!'))
print ("answer 5")

#answer 8
print()
print("############# answer 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(["Pooja", "nidhi", "parminder"])
print("\nLongest word: ",result[1])
print("Length of the longest word: ",result[0])

#answer 9
print()
print("############# answer 9 ###############")
str="online tutorial is best"
n=7
first_part= str[0:n]
second_part= str[n+1:]
print(first_part + " " + second_part)

#answer 10
print()
print("############# answer 10 ###############")
def word(str):
  str=str[-1:] + str[1:-1] + str[:1]
  print(str)
print(word('school'))

##answer 11
print()
print("############# answer 11 ###############")
print()
def odd_values_string(str):
  result = ""
  for i in range(len(str)):
    if i % 2 == 0:
```

```
    result = result + str[i]
  return result

print(odd_values_string('abcdef'))
print(odd_values_string('school'))

##answer 12  ***
print()
print("############# answer 12 ###############")
print()
def word_count(str):
   counts = dict()
   words = str.split()

   for word in words:
      if word in counts:
         counts[word] += 1
      else:
         counts[word] = 1

   return counts

print( word_count('the Golden Temple is the holy place for sikh'))

##answer 13
print()
print("############# answer 13 ###############")
print()
#user_input=input("what is ur name?")
#print("what is ur name?",user_input.lower())
#print("what is ur name?",user_input.upper())
```

```
##answer 14 ***
print()
print("############# answer 14 ###############")
print()
#items = input("Input comma separated sequence of words")
#words = [word for word in items.split(",")]
#print(",".join(sorted(list(set(words)))))

##answer 17
print()
print("############# answer 17 ###############")
print()
str=input("enter the word:")
if(len(str)>2):
  print(str[-2:]+str[-2:]+str[-2:]+str[-2:])
else:
   print("word contains only 2 characters")


##answer 17 (another way
print()
print("############# answer 17 (another way) ###############")
print()
str=input("enter the word:")
print(str[-2:]+str[-2:]+str[-2:]+str[-2:])

##answer 18
print()
print("############# answer 18 ###############")
print()
```

```
string=input("enter the string")
new_string=string[:3]
if(len(string)>3):
    print("expected string=",new_string)
else:
     print(string)
```