

```
s = 'javascript'
total = 0
for i in range(len(s)):
    if s[i].isalpha() == True:
        if s[i] in 'aeiouAEIOU':
            total = total + i
else:
    print('result :',total)

result : 11
```

```
s = 'good afternoon'
consonent_index_sum = 0
vowel_index_sum = 0
for i in range(len(s)):
    if s[i].isalpha() == True:
        if s[i] in 'aeiouAEIOU':
            vowel_index_sum = vowel_index_sum + i
        else:
            consonent_index_sum = consonent_index_sum + i
else:
    print('consonent index sum :',consonent_index_sum)
    print('vowel index sum :',vowel_index_sum)
    print('difference : ',consonent_index_sum - vowel_index_sum)

consonent index sum : 48
vowel index sum : 39
difference : 9
```

```
s = 'Good AfterNoon'
count = 0
for i in s:
    if i.isupper() == True:
        count = count + 1
else:
    print('upper-case char count :',count)

upper-case char count : 3
```

▼ continue

continue is a keyword

continue can be used in loops only

```
s = 'python'
for i in s:
    print(i,end=' ')

p y t h o n
```

```
s = 'python'
for i in s:
    print(i,end=' ')
    continue

p y t h o n
```

```
s = 'python'
for i in s:
    continue
    print(i,end=' ')
```

```
s = 'python'
for i in s:
    continue
    print(i,end=' ')
else:
    print(s)

python
```

```
s = 'python'
for i in s:
    break
    print(i,end=' ')
else:
    print(s)
```

```
s = 'python'
for i in s:
    print(i,end=' ')
    break
else:
    print(s)

p
```

```
s = 'python'
for i in s:
    print(i,end=' ')
    continue
    break
else:
    print(s)

p y t h o n python
```

```
s = 'python'
for i in range(len(s)):
    print(i,s[i])
```

```
0 p
1 y
2 t
3 h
4 o
5 n
```

▼ enumerate()

```
s = 'python'
for i,j in enumerate(s):
    print(i,j)
```

```
0 p
1 y
2 t
3 h
4 o
5 n
```

```
s = 'python'
for index,value in enumerate(s):
    print(index,value)
```

```
0 p
1 y
2 t
3 h
4 o
5 n
```

```
s = range(1,10)
for index,num in enumerate(s):
    print(index,num)
```

```
0 1
1 2
2 3
3 4
4 5
5 6
6 7
7 8
8 9
```

```
for index,num in enumerate(range(20,31)):
    print(index,num)
```

```
0 20
1 21
2 22
3 23
4 24
5 25
6 26
7 27
8 28
9 29
10 30
```

▼ zip()

```
s1 = 'python'
s2 = 'javascript'
for i in s1:
    print(i,end=' ')
```

```
for j in s2:
    print(j,end=' ')
    pythonjavascript
```

```
s1 = 'python'
s2 = 'javascript'
for ch1,ch2 in zip(s1,s2):
    print(ch1,ch2)

p j
y a
t v
h a
o s
n c
```

```
name1 = 'pawan'
name2 = 'srinath'
name3 = 'jagadeesh'
for ch1,ch2,ch3 in zip(name1,name2,name3):
    print(ch1,ch2,ch3)

p s j
a r a
w i g
a n a
n a d
```

```
s1 = 'python'
s2 = 'javascript'
s1_len = len(s1)
s2_len = len(s2)
dif = 0
```

```
if s1_len > s2_len:
    dif = s1_len - s2_len
    s2 = s2 + (' '*dif)
else:
    dif = s2_len - s1_len
    s1 = s1 + (' '*dif)
```

```
for ch1,ch2 in zip(s1,s2):
    print(ch1,ch2)

p j
y a
t v
h a
o s
n c
r
i
p
t
```

```
s1 = 'prabhas'
s2 = 'pawankalyan'
s1_len = len(s1)
s2_len = len(s2)
```

```
dif = 0
```

```
if s1_len > s2_len:
    dif = s1_len - s2_len
    s2 = s2 + (' '*dif)
else:
    dif = s2_len - s1_len
    s1 = s1 + (' '*dif)
```

```
for ch1,ch2 in zip(s1,s2):
    print(ch1,ch2)
```

```
p p
r a
a w
b a
h n
a k
s a
l
y
a
n
```

```
s1 = 'javascript'
s2 = 'django'
s1_len = len(s1)
s2_len = len(s2)
dif = 0
```

```
if s1_len > s2_len:
    dif = s1_len - s2_len
    s2 = s2 + (' '*dif)
else:
    dif = s2_len - s1_len
    s1 = s1 + (' '*dif)
```

```
for ch1,ch2 in zip(s1,s2):
    print(ch1,ch2)
```

```
j d
a j
v a
a n
s g
c o
r
i
p
t
```

```
s1 = 'javascript'
s2 = 'javascript'
s1_len = len(s1)
s2_len = len(s2)
dif = 0
```

```
if s1_len > s2_len:
```

```
    dif = s1_len - s2_len
    s2 = s2 + (' '*dif)
else:
    dif = s2_len - s1_len
    s1 = s1 + (' '*dif)

for ch1,ch2 in zip(s1,s2):
    print(ch1,ch2)
j j
a a
v v
a a
s s
c c
r r
i i
p p
t t

s = 'bbbbccttttabb'
# b4c2t4a1b2
```

✓ 0s completed at 1:25 PM

