```python
# Soham
str1="google.com"
dict1={}
for i in str1:
    keys=dict1.keys()
    if i in keys:
        dict1[i]+=1
    else:
        dict1[i]=1
print(dict1)
```

empty dict   Final dict

recursion

each elent

→ False   for roth

$\{$ 'g' : 2,

'o' : 3,

'l' : 1,

'.' : 1,

'e' : 1,

'c' : 1,

: 1

: 2 $\}$

i   keys

g

o

Name
['g'
['g', 'o']

1) $\{$ $\}$

2) $\{$'g' : 1 $\}$

3) $\{$'g' : 1, 'o' : 2 $\}$

   $\{$'g' : 1, 'o' : 2 $\}$

   $\{$'g' : 1, 'o' : 2 $\}$