In [1]:
```
def count_letter(s="",sr=""):
    s=input("Sentence : ")
    sr=input("Search : ")
    u=0
    l=0
    n=len(s)
    for c in range(n):
        if s[c]>='a' and s[c]<='z':
            if s[c]==sr:
               u+=1
        if s[c]>='A' and s[c]<='Z':
            usr=sr.upper()
            if s[c]==usr:
                l+=1
    cs=u+l
    print("Case Sensitive : ",u)
    print("NonCase Sensitive : ",cs)

#main:
count_letter()
```

```
Sentence : hello world
Search : o
Case Sensitive :  2
NonCase Sensitive :  2
```

In [2]:
```
def count_letter(s="",sr=""):
    s=input("Sentence : ")
    sr=input("Search : ")
    u=0
    l=0
    n=len(s)
    for c in range(n):
        if s[c]>='a' and s[c]<='z':
            if s[c]==sr:
               u+=1
        if s[c]>='A' and s[c]<='Z':
            usr=sr.upper()
            if s[c]==usr:
                l+=1
    cs=u+l
    print("Case Sensitive : ",u)
    print("NonCase Sensitive : ",cs)

#main:
count_letter()
```

```
Sentence : HeLlo wOrld
Search : o
Case Sensitive :  1
NonCase Sensitive :  2
```

In [3]:
```
s=input("Sentance : ")
dt=0
cn=0
vl=0
sp=0
n=len(s)
c=0

#check:
while c<n:
    if  s[c]=='a' or  s[c]=='A' or s[c]=='e' or s[c]=='E' or s[c]=='i' or s[c
        vl+=1
    elif s[c]=='b' or s[c]=='c' or s[c]=='d' or s[c]=='f' or s[c]=='g' or s[c
        cn+=1
    elif s[c]>='0' and s[c]<='9':
        dt+=1
    elif s[c]==" ":
        sp+=1
    c+=1
print("Space : ",sp)
print("Digits : ",dt)
print("Volwels : ",vl)
print("Consonants : ",cn)
```

```
Sentance : Bishop Heber College 17
Space :  3
Digits :  2
Volwels :  7
Consonants :  11
```

In [4]:
```
def remove_punctuation(s1=''):
    s1=input("Sentance With Punctuation : ")
    s2=''
    n=len(s1)
    for c in range(n):
        if s1[c]!="!" and s1[c]!="'\'" and s1[c]!="|" and s1[c]!="#" and s1[
            s2=s2+s1[c]
    print(s2)
#main:
remove_punctuation()
```

```
Sentance With Punctuation : "Bishop's College !...."
"Bishops College "
```

In [5]:
```
def remove_punctuation(s1=''):
    s1=input("Sentance With Punctuation : ")
    s2=''
    n=len(s1)
    for c in range(n):
        if s1[c]!="!" and s1[c]!="'\'" and s1[c]!="|" and s1[c]!="#" and s1[
            s2=s2+s1[c]
    print(s2)
#main:
remove_punctuation()
```

```
Sentance With Punctuation : "#bhc trending @cs $placements::>."
"bhc trending cs placements"
```

In [6]:
```
def pig_latin():
    s=input("Word : ")
    s1=''
    n=len(s)
    m=''
    for c in range(n):
        if s[0]=='a' or  s[0]=='A' or s[0]=='e' or s[0]=='E' or s[0]=='i' or
            s1=s+"-way"
        #check consonants and take only vowel:
        elif (s[c]=='b' or s[c]=='c' or s[c]=='d' or s[c]=='f' or s[c]=='g' o
            s1=s1+s[c]
            m=s.index(s1[0])
            s1=s[m:]+"-"+s[:m]+"ay"
    print("Pig Latin : ",s1)

#main:
for i in range(5):
    pig_latin()
    print()
```

```
Word : pig
Pig Latin :  ig-pay

Word : banana
Pig Latin :  anana-bay

Word : trash
Pig Latin :  ash-tray

Word : orange
Pig Latin :  orange-way

Word : apple
Pig Latin :  apple-way
```

In [ ]: