1.Retun longest word and its length

In [21]:
```
def wordlen(wlist):
    wmax=0
    for i in wlist:
        if len(i) > wmax:
            wmax=len(i)
            word=i
    print("Longest word is ",word,"and length of the word is",wmax)
wordlen(["one","a","four","abcdefgh","eight"])
```

```
Longest word is  abcdefgh and length of the word is 8
```

In [ ]:
```
2.remover char from specfied index drom a given string
```

In [27]:
```
index=4
def rmvindx(indx,str):
    return str1[:indx] +str1[indx+1:]

rmvindx(4,"Python Programing")
```

Out[27]:
```
'Pythn Programing'
```

3.last string for a given specified charecter

In [46]:
```
def lststr(chr,str):
    indx=str.find(chr)
    print(str[indx+1:])
lststr('g',"Program")
```

```
ram
```

In [ ]:
```
4.sort  the string lexicographical
```

In [53]:
```
def sortstr(str):
        return sorted(str)
sortstr("abcda")
```

Out[53]:
```
['a', 'a', 'b', 'c', 'd']
```

In [ ]:
```
5.remove spaces
```

In [59]:
```
def rmvspaces(str):
    return str.strip()
rmvspaces(" Machine Learning  ")
```

Out[59]:
```
'Machine Learning'
```