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In [1]: # 1.fucntion that returns the longest word and its length
l = input().split()
ans = ""
length = 0
for i in l:
    if(len(i)>length):
        length =len(i)
        ans = i
print(ans,length)
```

libni suryakanth joy mahesh suresh
suryakanth 10

```
In [2]: # 2.remove nth index character from a non empty string.
l = list(input("Enter the string : "))
n = int(input("Enter the index : "))
l.remove(l[n])
res = "".join(l)
print(res)
```

Enter the string : suryakanth
Enter the index : 2
suyakanth

```
In [3]: # 3.function to get Last part of a string from the specified character
s = input("Enter the string : ")
spec = input("Enter the specified character : ")
ind = s.find(spec)
print(s[ind+1:])
```

Enter the string : mahesh kumar
Enter the specified character : k
umar

```
In [4]: # 4.fucntion to sort a string lexicographically
s = list(input("Enter the string : "))
s.sort()
print("".join(s))
```

Enter the string : suryakanth
aahknrstuy

```
In [5]: # 5.function to remove spaces from a given string
s = input("Eter the string").split()
print("Answer = ","".join(s))
```

Eter the stringhello suryakanth libni
Answer = hellosuryakanthlibni