RealTime Example:
Taking multiple inputs from the user using split() method in Python

Syntax:
input().split([separator], [maxsplit])

Example:No Separator
```
a, b = input('Enter two integer numbers: ').split()
print("a = ",a, ",b = ",b)
```

Example2:No Separator
```
name, age, perc = input("Enter student's details: ").split()
print("Name: ", name)
print("Age: ", age)
print("Percentage: ", perc)
```

Example1:Using Separator
```
a, b = input('Enter two integer numbers: ').split(',')
print("a = ",a, ",b = ",b)
```

Example2:Using Separator
```
name, age, perc = input("Enter student's details: ").split(',')
print("Name: ", name)
print("Age: ", age)
print("Percentage: ", perc)
```

Interview Questions on PYTHON Strings:
Example:
```
a,b=[int(x) for x in input("Enter Two Numbers :").split()]
print("Product is :", a*b)
print("Diff is :", a-b)
print("Div is :", a/b)
print("Fdiv is :", a//b)
```

Example:Reading float numbers by comma separate
```
p,q,r= [float(x) for x in input("Enter Three Float Numbers
:").split(',')]
print("The Sum is :", p+q+r)
```

Example: Display string in reverse order:
```
PyStr=input("Enter Any String: ")
print(PyStr[::-1])
```

Example:
```
PyStr=input("Enter Any String: ")
print(''.join(reversed(PyStr)))
```

Example:
```
PyStr=input("Enter Any String: ")
i=len(PyStr)-1
n=''
while i>=0:
    n=n+PyStr[i]
    i=i-1
print(n)
```

eval():
It takes a String and evaluate the Result.

Example:
x = eval("10+20+30")
print(x) Output: 60

Example:
x = eval(input("Enter Expression"))
Enter Expression: 1+2*6/4

Example: Display the reverse the string
```
PyStr=input("Enter Any String:")
i=len(PyStr)-1
j=''
while i>=0:
    j=j+PyStr[i]
    i=i-1
    print(j)
```

Example:Reserwords string.
```
PyStr=input("Enter Any String:")
l=PyStr.split()
PyList=[]
i=len(l)-1
while i>=0:
    PyList.append(l[i])
    i=i-1
    j=' '.join(PyList)
print(j)
```

Example:Reverese Internal Content of each word
```
PyStr=input("Enter Any String:")
PyList=PyStr.split()
PyList1=[]
i=0
while i<len(PyList):
    PyList1.append(PyList[i][::-1])
    i=i+1
j=' '.join(PyList1)
print(j)
```

Example:input:s3t4 (ssstttt)
```
PyStr=input("Enter Any String:")
j=''
for x in PyStr:
    if x.isalpha():
        j=j+x
        i=x
    else:
        j=j+i*(int(x)-1)
print(j)
```

Example:Removing duplicate Characters
```
PyStr=input("Enter Any String:")
PyList=[]
```

```
for x in PyStr:
    if x not in PyList:
        PyList.append(x)
    y=''.join(PyList)
print(y)
```

Example:Prime or Not

```
PyNum=int(input("Enter Any Number: "))
if PyNum > 1:
   for i in range(2,PyNum):
       if (PyNum % i) == 0:
           print(PyNum,"Not Prime Number")
           break
   else:
       print(PyNum,"Prime Number")
else:
   print(PyNum,"Not Prime Number")
```

Example: Python program to calculate length of a String without using len() function

```
PyStr = input("Enter a string: ")
counter=0
for Str in PyStr:
      counter = counter+1
print("Length of the input string is:", counter)
```