***"""str=input("Enter the string ")  
n=int(input("Enter the number of characters "))  
b = []  
b=str.split(" ")  
for x in str:  
 if len(x) > n:  
 b.append(x)  
print(b)***

***````````````````````````````````````````````````````````````````  
#program  
# samplelist=[0,1,True]  
# print("All values" , all(samplelist))  
nestedlist = [[2,4,6,8,10],[1,3,5,7,9]]  
for i in nestedlist:  
 print(i)  
 for j in i:  
 print(j)***

***````````````````````````````````````````````````````````````````  
  
#program  
list1=[1,2,3,4,5]  
list2 = list1.reverse()  
print(list1)***

***````````````````````````````````````````````````````````````````  
  
#program  
list1 = ["M", "na", "i", "Ke"]  
list2 = ["y", "me", "s", "lly"]  
list3=[i+j for i,j in zip(list1,list2)]  
print(list3)***

***````````````````````````````````````````````````````````````````````  
  
#programs  
list1 = ["Hello ", "take "]  
list2 = ["Dear", "Sir"]  
newlist = [x+y for x in list1 for y in list2]  
print(newlist)"""***

***````````````````````````````````````````````````````````````````  
  
#programs*list1 = [10, 20, 30, 40]  
list2 = [100, 200, 300, 400]  
for x,y in zip(list1,list2[::-1]):  
 print(x,y)**

**````````````````````````````````````````````````````````````````**

***#program  
list1=["george","","shyam","madan","kumar",""]  
#res = []  
res = list(filter(None,list1))  
print(res)  
  
print("~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~")***

***``````````````````````````````````````````````````````````  
  
list1 = ["Mike", "", "Emma", "Kelly", "", "Brad"]  
  
# remove None from list1 and convert result into list  
res = list(filter(None, list1))  
print(res)  
  
print("~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~")  
  
# program***tuple1 = ('P', 'Y', 'T', 'H', 'O', 'N')  
print(tuple1[-1])

````````````````````````````````````````````````````````````````

*#program*tuple1= ('P', 'Y', 'T', 'H', 'O', 'N')  
print(tuple1[-3])

````````````````````````````````````````````````````````````````  
  
*#program*tuple1 = (0,1,2,3,4,5)  
print("Existing list ",tuple1)  
list1 = list(tuple1)  
list1.remove(2)  
tuple1 = tuple(list1)  
print("changed list ",tuple1)

````````````````````````````````````````````````````````````````

*#program*nested\_tuple = ((20, 40, 60), (10, 30, 50), "Python")  
print(nested\_tuple[2][0])  
for i in nested\_tuple:  
 print("tuple",i,"Elements")  
 for j in i:  
 print(j ,end=",")  
 print("\n")

**Output**

**Enter the string THe brown fox jump over the lazy dog**

**Enter the number of characters 4**

**[ 'brown']**

**[2, 4, 6, 8, 10]**

**2**

**4**

**6**

**8**

**10**

**[1, 3, 5, 7, 9]**

**1**

**3**

**5**

**7**

**9**

**[5, 4, 3, 2, 1]**

**['My', 'name', 'is', 'Kelly']**

**['Hello Dear', 'Hello Sir', 'take Dear', 'take Sir']**

**10 400**

**20 300**

**30 200**

**40 100**

**['george', 'shyam', 'madan', 'kumar']**

**~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~**

**['Mike', 'Emma', 'Kelly', 'Brad']**

**~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~**

**N**

**`````````````````````````````````````````````````````````````````````````````````````**

**H**

**```````````````````````````````````````````````````````````````````````````````````````**

**Existing list (0, 1, 2, 3, 4, 5)**

**changed list (0, 1, 3, 4, 5)**

**P**

**tuple (20, 40, 60) Elements**

**20,**

**40,**

**60,**

**tuple (10, 30, 50) Elements**

**10,**

**30,**

**50,**

**tuple Python Elements**

**P,**

**y,**

**t,**

**h,**

**o,**

**n,**

**```````````````````````````````````````````````````````````````````````````````````````````````````````````````**