THIRD ASSIGNMENT

1) Python function that takes a list of words and return the longest word and the length of the longest one.

```
l = input().split()

ans = ""

length = 0

for i in l:

   if(len(i)>length):

     length = len(i)

     ans = i

print(ans,length)
```

2) Python function to remove the nth index character from a nonempty string.

```
l = list(input("Enter the non-empty string : "))

n = int(input("Enter the nth index : "))

l.remove(l[n])

res = "".join(l)

print(res)
```

3) Python function to get the last part of a string before a specified character.

```
s = input("Enter the string : ")

pec = input("Enter the specified character : ")

ind = s.find(spec)

print(s[ind + 1:])
```

4) Python function to sort a string lexicographically.

```
s = list(input("Enter the string : "))

s.sort()

print("".join(s))
```

5) Python function to remove spaces from a given string.

```
s = input("Enter the string : ").split()

print("Answer = ","".join(s))
```