In [1]:
```
def lengthy_string(a):
    input_list_of_words=a.split()
    length_of_input_list_of_words=len(input_list_of_words)
    lengthy_word=""
    length_of_lengthy_word=0
    for i in range(length_of_input_list_of_words):
        each=input_list_of_words[i]
        if len(each)>length_of_lengthy_word:
           lengthy_word=each
           length_of_lengthy_word=len(each)
    ret="Longest word is {} and its length is {} characters".format(lengthy_word,length_of_lengthy_word)
    return ret

a=input()
out_put=lengthy_string(a)
print(out_put)
```

```
Longest word is programming and its length is 11 characters
```

In [3]:
```
def func_to_skip_char_in_string(a,b):
    input_string=a
    input_nth_index=int(b)
    if input_nth_index>=len(input_string):
       print("input_nth_index is out of range so entire string will be printed as output")
    op_string=""
    for i in range(len(input_string)):
        if i!=input_nth_index:
           op_string=op_string+input_string[i]
    return op_string
a=input()
b=input()
out_put=func_to_skip_char_in_string(a,b)
print(out_put)
```

```
Pyhon
```

In [4]:
```
def str_part_movement(a,b):
    input_string=a
    input_specified_character=b
    op_string=""
    req_index=input_string.index(input_specified_character)
    firstpart=input_string[0:req_index]
```

```
    secondpart=input_string[req_index+1:]
    output_string=firstpart+secondpart+input_string[req_index]
    return output_string

a=input()
b=input()
out_put=str_part_movement(a,b)
print(out_put)
```

```
Prgrammingo
```

In [5]:
```
def func_string_sorting(a):
    input_string=a
    op=sorted(input_string)
    op_string=""
    for each in op:
        op_string=op_string+each
    print(op_string)
a=input(a)
func_string_sorting(a)
```

```
ABCD
```

In [6]:
```
def func_to_remove_space(a):
    input_string=a
    op=""
    for each in input_string:
        if not(each.isspace()):
           op=op+each
    print(op)
a=input()
func_to_remove_space(a)
```

```
Iamgood
```

In [ ]: