

## Extra operations

1. Write a function to replace each alphabet in the given string with another alphabet occurring at the n-th position from each of them .

```
character = input("Enter A string")
iterate = int(input("Enter iterative num"))
for char in character.capitalize():
    new_value = ord(char)+iterate
    if new_value >= 122:
        print(chr(65+iterate),end="")
    else:
        print(chr(new_value),end="")
```

2. Capitalize the first character of a string

```
'florida dolphins'.capitalize() #=> 'Florida dolphins'
```

3. Remove vowels from a string

```
vowels = ['a','e','i','o','u']
string = "Hello my name is shamshad"
result=""
for i in string:
    if i not in vowels:
        result = result+i
print(result.replace(" ", ""))
```

## Recursion operations

1. Factorial of a number

```
def fact(n):
    if n==0:
        return 1
    return n*fact(n-1)

print(fact(5))
```

## 2. Sum of n integers

```
def sum(n):  
    if n==1:  
        return 1  
    return n+sum(n-1)  
  
print(sum(5))
```

## 3. Print n times string using recursion

```
def printss(string,n):  
    if n==0:  
        return  
    print(string)  
    return printss(string, n-1)  
  
printss("string", 5)
```