

# Python String Manipulation Examples

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## 1 Strings

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### 1.1 Search if Names Include Strings

Given a list of strings, loop but skip if string contains elements string list.

```
# define string
ls_st_ignore = ['abc', 'efg', 'xyz']
ls_st_loop = ['ab cefg sdf', '12345', 'xyz', 'abc xyz', 'good morning']

# zip and loop and replace
for st_loop in ls_st_loop:
    if sum([st_ignore in st_loop for st_ignore in ls_st_ignore]):
        print('skip:', st_loop)
    else:
        print('not skip:', st_loop)
```

```
## skip: ab cefg sdf
## not skip: 12345
## skip: xyz
## skip: abc xyz
## not skip: good morning
```

### 1.2 Replace a Set of Strings in String

Replace terms in string

```
# define string
st_full = """
abc is a great efg, probably xyz. Yes, xyz is great, like efg.
eft good, EFG capitalized, efg good again.
A B C or abc or ABC. Interesting xyz.
"""
```

```
# define new and old
ls_st_old = ['abc', 'efg', 'xyz']
ls_st_new = ['123', '456', '789']

# zip and loop and replace
for old, new in zip(ls_st_old, ls_st_new):
    st_full = st_full.replace(old, new)

# print
print(st_full)
```

```
##
## 123 is a great 456, probably 789. Yes, 789 is great, like 456.
## eft good, EFG capitalized, 456 good again.
## A B C or 123 or ABC. Interesting 789.
```