In [1]:
```
#Count the number of alphabets in the given string.
#Method #1 : Using isalpha() + len()
test_str= "welcome to python world"
print("the original string is  " +str(test_str))
res = len([ele for ele in test_str if ele.isalpha()])
print("Count of Alphabets : " + str(res))
```

```
the original string is  welcome to python world
Count of Alphabets : 20
```

In [2]:
```
#Method #2 : Using ascii_uppercase() + ascii_lowercase() + len()
import string
test_str = "welcome to python world"
print("The original string is : " + str(test_str))
res = len([ele for ele in test_str if ele in string.ascii_uppercase or ele in str
print("Count of Alphabets : " +str(res))
```

```
The original string is : welcome to python world
Count of Alphabets : 20
```

In [10]:
```
#B. To extract characters in the given, range from the given string.
import string
str_list = ["my","name","is","navneet"]

print("The original list is : " + str(str_list))
strt, end = 14, 30


res = ''.join([sub for sub in str_list])[strt : end]

# printing result
print("Range characters : " + str(res))
```

```
The original list is : ['my', 'name', 'is', 'navneet']
Range characters : t
```

In [11]:
```
# Check if the string is alphanumeric or not.
string = "abc123"
print(string.isalnum())
```

```
True
```

In [14]:
```
#Example 2: isalnum() in if…else Statement
password = "user123456"

if password.isalnum():
    print("Password is alphanumeric.")
else:
    print("Password is not alphanumeric.")
```

```
Password is alphanumeric.
```

In [ ]: