

In [2]:

```
1 # Multi Line String
2 temp = """fsdfsss
3 sssssss
4 aaaa
5 cvb
6 zczcz
7 sdss
8 """
```

In [4]:

```
1 print(type(temp))
```

<class 'str'>

In [6]:

```
1 # strip() #remove spaces from string
2 #strip(),lstrip(),rstrip()
3 a= "      ram      "
4 a.lstrip()
5
```

Out[6]:

'ram '

In [7]:

```
1 a.rstrip()
```

Out[7]:

' ram'

In [8]:

```
1 a.strip()
```

Out[8]:

'ram'

In [9]:

```
1 "  ram  rani  kiran  ".strip()
```

Out[9]:

'ram rani kiran'

In [10]:

```
1 "  ram  rani  kiran  ".lstrip()
```

Out[10]:

'ram rani kiran '

In [11]:

```
1 " ram rani kiran ".rstrip()
```

Out[11]:

```
' ram rani kiran'
```

In [14]:

```
1 " ram rani kiran "[:10].strip()
```

Out[14]:

```
'ram'
```

In [16]:

```
1 # join()  
2 'ram'.join('abcd')
```

Out[16]:

```
'arambramcramd'
```

In [17]:

```
1 'ravi'.join('q')
```

Out[17]:

```
'q'
```

In [18]:

```
1 ''.join('xyz')
```

Out[18]:

```
'xyz'
```

In [19]:

```
1 # center()  
2 "APSSDC".center(50)
```

Out[19]:

```
'                APSSDC                '
```

In [20]:

```
1 "Python".center(30, '$')
```

Out[20]:

```
'$$$$$$$$$$$$Python$$$$$$$$$$$$$'
```

In [24]:

```
1 "abc".center(20,'1')
```

Out[24]:

```
'11111111abc111111111'
```

In [25]:

```
1 # format()  
2 "Ram {} a {}".format('is','boy')
```

Out[25]:

```
'Ram is a boy'
```

In [26]:

```
1 "{} is a {}".format(input("Enter Name:"),input("Enter Gender:"))
```

Enter Name:ravi kumar

Enter Gender:boy

Out[26]:

```
'ravi kumar is a boy'
```

In [27]:

```
1 "Ram {0} a {1}".format('is','boy')
```

Out[27]:

```
'Ram is a boy'
```

In [28]:

```
1 "Ram {1} a {0}".format('is','boy')
```

Out[28]:

```
'Ram boy a is'
```

In [29]:

```
1 "{} have {} Rupess".format("Narayana",1000)
```

Out[29]:

```
'Narayana have 1000 Rupess'
```

In [32]:

```
1 # endswith()  
2 print("programming".endswith("g"))  
3 print("programming".endswith("z"))
```

True

False

In [36]:

```
1 #startswith()  
2 print("car".startswith('c'))  
3 print('python'.startswith('P'))  
4 print('python'.startswith('P'.lower()))
```

True

False

True

In [38]:

```
1 # How to find length of String  
2 print(temp)  
3 len(temp)
```

fsdfsss

sssssss

aaaa

cvb

zczcZ

sdss

Out[38]:

36

In [41]:

```
1 print(len('dmdslfsf sfsdfdf sdfdsf sfsfwe wew'))  
2 print(len("                "))
```

34

17

In [48]:

```
1 # max()  
2 print(max('abzcedf'))  
3 print(max('ABC142$'))  
4
```

z

C

In [52]:

```
1 # min()  
2 print(min('nkiswmskxmakAMENF'))  
3 print(min("abcABC125*&(  "))
```

A

In [ ]:

```

1 # String Methods
2 # lower, upper, isupper, islower, isdigit, startswith, endswith, find, index, split,
3 # splitlines, center, replace, strip, format, join

```

## Conditional Statments

- if
- if else
- else if --> elif
- Nested if

In [53]:

```

1 # if Example
2
3 # find Given value is Even/Odd
4 n = int(input("Enter Vlaue--> "))
5 if n%2==0:# : ---> block strating
6     print("I am in if block because I have tab spaceafter ':'")
7     print("Even Number")
8 print("I am outof if block")
9

```

Enter Vlaue--&gt; 2

I am in if block because I have tab space after ':'

Even Number

I am outof if block

In [59]:

```

1 n = int(input("Enter Vlaue--> "))
2 if n%2==0:# : ---> block strating
3     print("I am in if block because I have tab space after ':'")
4     print("Even Number")
5 print("I am outof if block")
6

```

Enter Vlaue--&gt; 45

I am outof if block

In [61]:

```

1 # if else Exmaple
2 temp = int(input("Enter Value: "))
3 if temp%2==0: # --> {
4     print("Given value",temp, "is a Even Number.")
5 else:
6     print("Given value",temp, "is a Odd Number.")

```

Enter Value: 8

Given value 8 is a Even Number.

In [65]:

```
1 "{} attence is {} sferrfewe wrfewfsefsef".format(input("Enter name"),int(input("Attendance")))
```

```
Enter nameravi
Attendance78
```

Out[65]:

```
'ravi attence is 78 sferrfewe wrfewfsefsef'
```

In [66]:

```
1 "ramu@gmail.com".split('@gmail.com')
```

Out[66]:

```
['ramu', '']
```

In [67]:

```
1 'abc'.center(9,'#') #9-3=6[L3,r3]
```

Out[67]:

```
'###abc###'
```

In [68]:

```
1 'abcd'.center(9,'#') #9-4=5[L4,r3]
```

Out[68]:

```
'###abcd##'
```

In [70]:

```
1 "A5B4C3D2E1F".split('1')
2
```

Out[70]:

```
['A5B4C3D2E', 'F']
```

In [71]:

```
1 a= "narayana ravi anil"
2
```

In [72]:

```
1 a[1:5]#2nd Arg n-2 /Exclusive
2
```

Out[72]:

```
'aray'
```

In [73]:

```
1 a[:]
```

Out[73]:

```
'narayana ravi anil'
```

In [74]:

```
1 a[5:]
```

Out[74]:

```
'ana ravi anil'
```

In [75]:

```
1 a[::-1]
```

Out[75]:

```
'lina ivar anayaran'
```

In [ ]:

```
1
```