localhost:8888/notebooks/Day3_python_fundamentals_b18_evng.ipynb

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Code

```
In [1]: print("hii all \nstay home stay safe")

        hii all
        stay home stay safe
```

Introduction about fstrings

```
In [ ]: fstrings-------->formatted strings
```

```
In [7]: first_name='shaik'
        last_name='hussain'
```

```
In [ ]: ## syntax for fstrings-------->f"{first_name}{last_name}"
```

```
In [8]: full_name=f"{first_name}{last_name}"
```

```
In [9]: print(full_name.title())

        Shaikhussain
```

```
In [ ]:
```

```
In [ ]: Stripping methods
```

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```
In [ ]:
```

```
In [ ]: Stripping methods
```

```
In [ ]: 1.left stripping
        2.right striping
```

```
In [17]: fav_lang="    java"
```

```
In [18]: print(fav_lang)

         java
```

```
In [19]: print(fav_lang.lstrip())

java
```

```
In [20]: print(fav_lang.rstrip())

         java
```

```
In [ ]: ### numerical operations
```

```
In [ ]: ## integers
```

```
In [21]: 7+5
```

```
Out[21]: 12
```

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Code

```
In [22]: 33+88
Out[22]: 121

In [23]: 5**2
Out[23]: 25

In [24]: 5**3
Out[24]: 125

In [25]: y=5+8

In [26]: print(y)
         13

In [27]: type(y)
Out[27]: int

In [28]: x='sai'

In [29]: print(x)
         sai

In [30]: type(x)
```

```
sai
```

In [30]: `type(x)`

Out[30]: str

In [31]: `z=1.2+8.8`

In [32]: `print(z)`

```
10.0
```

In [33]: `type(z)`

Out[33]: float

In [35]: `f=1.2+7`

In [36]: `print(f)`

```
8.2
```

In [37]: `type(f)`

Out[37]: float

In [ ]: `note======>combination of float and integer is always a float`

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```
In [ ]: note======>combination of float and integer is always a float
```

```
In [38]: a,b,c=1,6,9
```

```
In [39]: print(a,b,c)

         1 6 9
```

introduction about list data type

```
In [ ]: list------------->storing the elements/items
        list is always going to declare []
        list is a mutable data type
```

```
In [40]: students=['lalini','divya','pavan','sai','likhitha','keerthi']

                    0        1        2       3        4          5
```

```
In [41]: print(students)

         ['lalini', 'divya', 'pavan', 'sai', 'likhitha', 'keerthi']
```

```
In [ ]: ## index -------------------->0,1,2,3,......
```

```
In [45]: print(students[2])
```

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introduction about list data type

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In [ ]: list-------------->storing the elements/items
        list is always going to declare []
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In [40]: students=['lalini','divya','pavan','sai','likhitha','keerthi']

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```

```
In [41]: print(students)

         ['lalini', 'divya', 'pavan', 'sai', 'likhitha', 'keerthi']
```

```
In [ ]: ## index -------------------->0,1,2,3,......
```

```
In [45]: print(students[2])

         pavan
```

```
In [48]: print(students[2].upper())

         PAVAN
```

```
In [ ]:
```

```
In [55]: message=f"keep it up ,{students[2].upper()}"
```

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```
In [56]: print(message)

         keep it up ,PAVAN
```

```
In [ ]: ## adding of elements
        ### updating elements
        ### delete elements
```

```
In [ ]: Adding the elements to the list------------>add,append,insert
```

```
In [57]: students.append('madhuri')
```

```
In [58]: print(students)

         ['lalini', 'divya', 'pavan', 'sai', 'likhitha', 'keerthi', 'madhuri']
```

```
In [59]: students.insert(2,'swathi')
```

```
In [60]: print(students)

         ['lalini', 'divya', 'swathi', 'pavan', 'sai', 'likhitha', 'keerthi', 'm
```

```
In [ ]: Updating the elements in the list
```

```
In [63]: students[0]='kavitha'
```

```
In [64]: print(students)
```

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```
In [60]: print(students)
         ['lalini', 'divya', 'swathi', 'pavan', 'sai', 'likhitha', 'keerthi', 'ma
```

```
In [ ]: Updating the elements in the list
```

```
In [63]: students[0]='kavitha'
```

```
In [64]: print(students)
         ['kavitha', 'divya', 'kavitha', 'pavan', 'sai', 'likhitha', 'keerthi',
```

```
In [ ]: Delete the elements in the list
```

```
In [65]: print(students)
         ['kavitha', 'divya', 'kavitha', 'pavan', 'sai', 'likhitha', 'keerthi',
```

```
In [67]: students.pop(0)
Out[67]: 'kavitha'
```

```
In [68]: print(students)
         ['divya', 'kavitha', 'pavan', 'sai', 'likhitha', 'keerthi']
```

```
In [69]: students.pop(2)
Out[69]: 'pavan'
```

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```
In [63]: students[0]='kavitha'
```

```
In [64]: print(students)

['kavitha', 'divya', 'kavitha', 'pavan', 'sai', 'likhitha', 'keerthi',
```

```
In [ ]: Delete the elements in the list
```

```
In [65]: print(students)

['kavitha', 'divya', 'kavitha', 'pavan', 'sai', 'likhitha', 'keerthi',
```

```
In [67]: students.pop(0)

Out[67]: 'kavitha'
```

```
In [68]: print(students)

['divya', 'kavitha', 'pavan', 'sai', 'likhitha', 'keerthi']
```

```
In [69]: students.pop(2)

Out[69]: 'pavan'
```

```
In [70]: print(students)

['divya', 'kavitha', 'sai', 'likhitha', 'keerthi']
```

```
In [ ]:
```