

```
In [2]: f=2e0  
f
```

```
Out[2]: 2.0
```

```
In [3]: f=2e2  
f
```

```
Out[3]: 200.0
```

```
In [4]: f=3.5e2  
f
```

```
Out[4]: 350.0
```

```
In [5]: f=2.5e4  
f
```

```
Out[5]: 25000.0
```

```
In [6]: f=1e0  
f
```

```
Out[6]: 1.0
```

```
In [7]: import numpy as np  
a=np.nan  
type(a)
```

```
Out[7]: float
```

```
In [13]: i=34  
i
```

```
Out[13]: 34
```

```
In [ ]: a=25  
b=25  
c=25
```

```
In [14]: print(id(a))
```

TypeError

Traceback (most recent call last)

Cell In[14], line 1

----> 1 print(id(a))

TypeError: 'int' object is not callable

```
In [15]: r=30  
id(r)
```

```
-----  
TypeError                                Traceback (most recent call last)  
Cell In[15], line 2  
      1 r=30  
----> 2 id(r)  
  
TypeError: 'int' object is not callable
```

```
In [17]: str='swapna'  
str
```

```
Out[17]: 'swapna'
```

```
In [19]: str[0]
```

```
Out[19]: 's'
```

```
In [20]: str[5]
```

```
Out[20]: 'a'
```

```
In [22]: print(str[0])  
print(str[1])  
print(str[2])  
print(str[3])  
print(str[4])  
print(str[5])
```

```
s  
w  
a  
p  
n  
a
```

```
In [23]: str
```

```
Out[23]: 'swapna'
```

```
In [24]: print(str[-1])  
print(str[-2])  
print(str[-3])  
print(str[-4])  
print(str[-5])  
print(str[-6])
```

```
a  
n  
p  
a  
w  
s
```

```
In [30]: len(str)
```

```
Out[30]: 6
```

```
In [29]: str[1:4]
```

Out[29]: 'wap'

In [31]: `str[0:3]`

Out[31]: 'swa'

In [32]: `str[0:7]`

Out[32]: 'swapna'

In [33]: `str='sreecharan'`
`str`

Out[33]: 'sreecharan'

In [34]: `str[0:2:10]`

Out[34]: 's'

In [35]: `str[0:10:2]`

Out[35]: 'secaa'

In [36]: `str[1:8:3]`

Out[36]: 'rcr'

In [38]: `str[2:10:2]`

Out[38]: 'ecaa'

In [39]: `str[::1]`

Out[39]: 'sreecharan'

In [40]: `str[::2]`

Out[40]: 'secaa'

In [41]: `str`

Out[41]: 'sreecharan'

In [42]: `str[::3]`

Out[42]: 'sean'

In [43]: `str[:]`

Out[43]: 'sreecharan'

concatnation=adding

```
In [46]: s='welcome'
s1=' to'
s2=' world'
print(s+s1+s2)
```

welcome to world

```
In [48]: s='hi'
s1=' everyone'
print(s+s1)
```

hi everyone

```
In [49]: i=34
i
```

Out[49]: 34

```
In [50]: id(i)
```

```
-----
TypeError                                Traceback (most recent call last)
Cell In[50], line 1
----> 1 id(i)

TypeError: 'int' object is not callable
```

```
In [ ]:
```