

string

```
In [1]: s="yash jayawant"  
s
```

```
Out[1]: 'yash jayawant'
```

```
In [2]: type(s)
```

```
Out[2]: str
```

```
In [3]: s45='hello stylo guy'  
s45
```

```
Out[3]: 'hello stylo guy'
```

```
In [4]: s23='''nit  
        hello sir'''  
s23
```

```
Out[4]: 'nit \n      hello sir'
```

```
In [6]: str22='hello python'  
str22
```

```
Out[6]: 'hello python'
```

```
In [7]: str22[3]
```

```
Out[7]: 'l'
```

```
In [12]: str22
```

```
Out[12]: 'hello python'
```

```
In [13]: str22[:]
```

```
Out[13]: 'hello python'
```

```
In [14]: str22[2:7]
```

```
Out[14]: 'llo p'
```

```
In [15]: s23
```

```
Out[15]: 'nit \n      hello sir'
```

```
In [16]: s23[2:9]
```

```
Out[16]: 't \n      '
```

```
In [17]: s23[]
```

```
Out[17]: 'e'
```

```
In [18]: s23[0:18:4]
```

```
Out[18]: '\n\n ho'
```

```
In [19]: s23[0:18:3]
```

```
Out[19]: '\n  hl'
```

```
In [20]: for i in s23:  
         print(i)
```

n  
i  
t

h  
e  
l  
l  
o

s  
i  
r

```
In [21]: print(s)
          print(s45)
          print(s23)
          print(str22)
```

yash jayawant  
hello stylo guy  
nit  
 hello sir  
hello python  
  
type casting

```
In [22]: int(2.3)#float to int
```

Out[22]: 2

```
In [23]: int(True)#bool to int
```

Out[23]: 1

In [24]: `int('10')#str to int`

Out[24]: 10

In [25]: `s`

Out[25]: 'yash jayawant'

In [26]: `del s`

In [27]: `s`

```
-----  
NameError                                Traceback (most recent call last)  
Cell In[27], line 1  
----> 1 s  
  
NameError: name 's' is not defined
```

In [30]: `import numpy as np  
a=np.nan`

In [31]: `type(a)`

Out[31]: float

In [ ]: