

```
In [70]: #Example-1 of variables:-
```

```
In [71]: student = "Jason"  
student
```

```
Out[71]: 'Jason'
```

```
In [72]: type(student)
```

```
Out[72]: str
```

```
In [73]: student = "Robin"  
student
```

```
Out[73]: 'Robin'
```

```
In [74]: type(student)
```

```
Out[74]: str
```

```
In [75]: student = 'Rebika'  
student
```

```
Out[75]: 'Rebika'
```

```
In [76]: type(student)
```

```
Out[76]: str
```

```
In [77]: student = 'Lucy'  
student
```

```
Out[77]: 'Lucy'
```

```
In [78]: type(student)
```

```
Out[78]: str
```

```
In [79]: #Example-2 of variables:-
```

```
In [80]: num = 790  
num
```

```
Out[80]: 790
```

```
In [81]: type(num)
```

```
Out[81]: int
```

```
In [82]: num = 400  
num
```

```
Out[82]: 400
```

```
In [83]: type(num)
```

```
Out[83]: int
```

```
In [84]: num = -680  
num
```

```
Out[84]: -680
```

```
In [85]: type(num)
```

```
Out[85]: int
```

```
In [86]: num = +250  
num
```

```
Out[86]: 250
```

```
In [87]: type(num)
```

```
Out[87]: int
```

```
In [88]: #Example-3 of variables:-
```

```
In [89]: Float = 40.98  
Float
```

```
Out[89]: 40.98
```

```
In [90]: type(Float)
```

```
Out[90]: float
```

```
In [91]: Float = 900.865  
Float
```

```
Out[91]: 900.865
```

```
In [92]: type(Float)
```

```
Out[92]: float
```

```
In [93]: Float = -65.76  
Float
```

```
Out[93]: -65.76
```

```
In [94]: type(Float)
```

```
Out[94]: float
```

```
In [95]: Float = +34.7865  
Float
```

```
Out[95]: 34.7865
```

```
In [96]: type(Float)
```

```
Out[96]: float
```

```
In [97]: #Example-4 of variables:-
```

```
In [98]: Complex = 7+5j  
Complex
```

```
Out[98]: (7+5j)
```

```
In [99]: type(Complex)
```

```
Out[99]: complex
```

```
In [100]: Complex = -9+2j  
Complex
```

```
Out[100]: (-9+2j)
```

```
In [101]: type(Complex)
```

```
Out[101]: complex
```

```
In [102]: Complex = 8-6j  
Complex
```

```
Out[102]: (8-6j)
```

```
In [103]: type(Complex)
```

```
Out[103]: complex
```

```
In [104]: Complex = -4-7j  
Complex
```

Out[104]: (-4-7j)

In [105]: `type(Complex)`

Out[105]: complex

In [106]: *#Example-5 of variables:-*

In [107]: Ch = "Ant"
Ch

Out[107]: 'Ant'

In [108]: `type(Ch)`

Out[108]: str

In [109]: Ch = "+"
Ch

Out[109]: '+'

In [110]: `type(Ch)`

Out[110]: str

In [111]: Ch = '&'
Ch

Out[111]: '&'

In [112]: `type(Ch)`

Out[112]: str

In [113]: Ch = "P"
Ch

```
Out[113]: 'P'
```

```
In [114]: type(Ch)
```

```
Out[114]: str
```

```
In [115]: Ch = "/"  
Ch
```

```
Out[115]: '/'
```

```
In [116]: type(Ch)
```

```
Out[116]: str
```

```
In [117]: #Example-6 of variables:-
```

```
In [118]: Str = "Peter loves Python."  
Str
```

```
Out[118]: 'Peter loves Python.'
```

```
In [119]: type(Str)
```

```
Out[119]: str
```

```
In [120]: Str = " Mike lives in Africa."  
Str
```

```
Out[120]: ' Mike lives in Africa.'
```

```
In [121]: type(Str)
```

```
Out[121]: str
```

```
In [122]: Str = '''Matt is a good boy. He loves mathematics.
```

```
        His favourite food is pizza.
        He loves wearing casual dress.
        His aim is to be an astronaut.'''
Str
```

```
Out[122]: 'Matt is a good boy. He loves mathematics.\n        His favourite food is
pizza. \n        He loves wearing casual dress.\n        His aim is to be a
n astronaut.'
```

```
In [123]: type(Str)
```

```
Out[123]: str
```

```
In [124]: Str = """ Jessie Is a beautiful girl.
Her dream is to explore the whole world.
She wants to be an expert in psychology.
She loves to heal the people."""
Str
```

```
Out[124]: ' Jessie Is a beautiful girl.\nHer dream is to explore the whole worl
d.\nShe wants to be an expert in psychology.\nShe loves to heal the peo
ple.'
```

```
In [125]: type(Str)
```

```
Out[125]: str
```

```
In [69]: ##Variables are temporary storage for data/values. A variable has a nam
e, storage-space and address.
```