Python Documentation in Markdown

Heading

Sample Heading

content has been typed

H4

H5

H6

####### H7

Links:

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Image

Hello all 👍

Python Basics:

In [2]:

```python
1  a = 30
2  b = 10
3  print(b,a)
```

10 30

In [6]:

```python
1  b
```

Out[6]:

10

In [7]:

```python
1  a
```

Out[7]:

30

type() -> It Defines the data type of a value

In [6]:

```python
1  print(type(a),type(b))
```

<class 'int'> <class 'int'>

In [9]:

```
1  # s = 123
2  # d = 34.345
3  # e = 'C'
4  # h = True
5  s,d,e,h=123,34.345,'C',True
6  print(s,type(s))
7  print(d,type(d))
8  print(e,type(e))
9  print(h,type(h))
```

```
123 <class 'int'>
34.345 <class 'float'>
C <class 'str'>
True <class 'bool'>
```

In [10]:

```
1  e=t=y=u=290
2  print(e,type(e))
3  print(t,y,u)
```

```
290 <class 'int'>
290 290 290
```

TypeCasting

- int()
- float()
- str()

Input()

-> It accepts all values but it stores it as a string data type

-> It can be viewd as a print by defining as a prompt to a user

In [18]:

```
1  l = float(input("Enter a number: "))
2  print(l,type(l))
```

Enter a number: 34
34.0 <class 'float'>

In [25]:

```
1  d='34.0998'
2  print(d,type(d))
3  print(int(float(d)),type(int(float(d))))
4  print(d,type(d))
```

34.0998 <class 'str'>
34 <class 'int'>
34.0998 <class 'str'>

In [ ]:

```
1
```