

EDUSTART NOW WELCOMES YOU

CONTENT FOR THE DAY2









QUICK RECAP OF DAY2 NUMERIC DATA TYPE

STRING DATA TYPE LIST DATA TYPE







QUICK RECAP OF DAY 2

>INTRODUCTION TO PYTHON

>INSTALLING SOFTWARE

≻VARIABLES

> IDENTIFIERS AND LITERALS

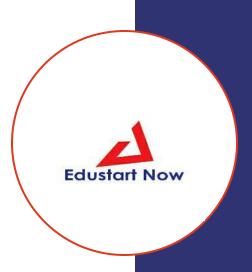




- >INT
- > FLOAT
- **COMPLEX**

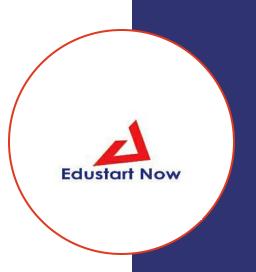


- >>> a=10
- >>> type(a)
- <class 'int'>
- >>> b=20.2
- >>> type(b)
- <class 'float'>
- >>> c=3+4J
- >>> type(c)
- ><class 'complex'>



```
TYPE CONVERSION:
>> a=10
>>> b=20.2
>>> c=3+4J
>>> d=int(b)
>>> d
20
>>> e=float(a)
>>> e
10.0
>>> p=complex(a)
>>> p
(10+0j)
```

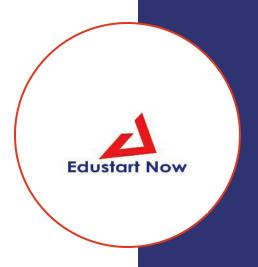
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METHODS:

max(10,20,50,60) min(10,20,-10,-100) abs(100), abs(-100)

Import math math.sqrt(25) math.pow(2,3) math.sin(90) math.cos(0) math.pi



STRING DATA TYPE

```
The String Data Type consists of sequence of characters
a="Tumiki Nikhil Raju"
a= 'Tumiki Nikhil Raju'
a=""Tumiki Nikhil Raju""
a="Python" -----> Single Line String
b= "Strings \
In\
Python" -----> Multiline Strings
c=" Strings
In
Python'''
```

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STRING DATA TYPE

>a

```
Slicing:
a= "Python"
```

a[0]

a[0:5]

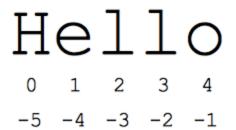
a[2:3]

a[:]

a[::1]

a[-1:-5]

a[::-1]





STRING DATA TYPE

METHODS:

Upper

Lower

Isupper

Islower

- Capitalize
- Isalpha
- Isdigit
- Index
- Len
- Replace
- Count
- Find

join

split



LIST DATA TYPE

>a

LIST DATA TYPE:

List is like a Array in C, but it is a collection of different data types
It store the sequence of various type of data
It is a mutable collection of elements

L=[1,2,3,"nikhil"]
Print L[0]

SLICING SAME AS STINRGS





LIST DATA TYPE

METHODS:

- Append
- Insert
- Extend
- Len
- Index
- Count
- Del
- Remove
- Pop
- Sort
- sorted



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THANK YOU

