str

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Agenda

- str
- Create str object
- Accessing str elements
- Built-in methods
- Operators on str
- str attributes
- Slicing operator

str

- **str is a class**
- **str is immutable**
- **str is iterable**
- **str is hashable**
- **str is a sequence**

Create str object

- **s1 = str()** # empty object of str

- **s2 = ""** # empty object of str

- **s3 = 'TasiNCoder'** # Non empty object of str

Accessing str elements

1. Index

2. print(str object)

3. Loops

4. Slicing operator

Built-in Methods

1. len() → returns length of specified iterable

2. min() → returns min value element

3. max() → returns max value element

4. sum() → returns sum of elements

5. sorted() → returns a sorted list of elements

Operators on str

- Concatenation operator

- Repetition operator

- Comparison operator

str attributes

- index()
- count()
- isdigit()
- isalnum()
- isalpha()
- isupper()
- islower()

- startswith()
- endswith()

- format()
- split()
- join()

Slicing operator

- Slicing operator take at most 3 arguments

- Or if I don't pass a single argument to the slicing operator, there is no error.

  - Syntax :- str_Object[Beg : End : Step]

Ex :- s1 =

	0	1	2	3	4	5	6	7	8	9
	T	a	s	i	N	C	o	d	e	r
	-10	-9	-8	-7	-6	-5	-4	-3	-2	-1

s1 = s1[: : -1]

print(s1) #output redoCNisaT