

# Python Day 2

BY :-

ASHISH





# Strings

It is a data type which can store a data

## Basic Operations

“hello” + “world” → “helloworld”  
This is concatenation

- To find length of str  
Len(str)



# Indexing



<u>A</u>	<u>s</u>	<u>h</u>	<u>l</u>	<u>s</u>	<u>h</u>
<u>0</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>

- Str = "Ashish"
- Str[0] is 'A' , str[1] is 's'
- Str[1:4] is "shi"
- Str[:4] is can start from 0 index
- Str[1:] is move to the len of str
- Also negative Slicing



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# Slicing

`str[ starting_idx : ending_idx ]` #ending idx is not included

- `str = "Ashish"`
- `str[ 1 : 4 ]` is "shi"
- `str[ : 4 ]` is same as `str[ 0 : 4 ]`
- `str[ 1 : ]` is same as `str[ 1 : len(str) ]`
- `str[ -3 : -1 ]` is "pl" # negative slicing

# String Functions

A variable is a name given to a memory location in a program.

```
str = "I am a coder."
```

```
str.count("am") #counts the occurrence of  
substr in string
```

```
str.capitalize( ) #capitalizes 1st char
```

```
str.find( word ) #returns 1st index of 1st  
occurrence
```

```
str.replace( old, new ) #replaces all  
occurrences of old with new
```

## Conditional Statements

```
if(condition) :
```

```
    Statement1
```

```
elif(condition):
```

```
    Statement2
```

```
else:
```

```
    StatementN
```

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## Thanks



**Lorem Ipsum**

Keep learning



**Lorem Ipsum**

Daily practice



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Use can achive your  
goal

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