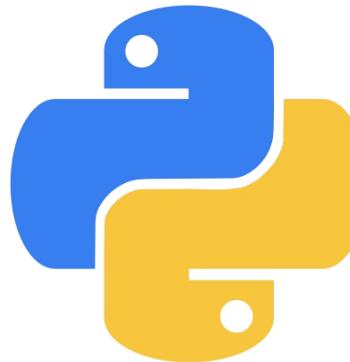


Complete Python Course Bootcamp from Beginners to Professional



By Kaustubh Wankhede

Escape Sequences

Basic Concepts and Fundamentals of Python
Programming

Basic Concepts and Fundamentals of Python Programming

1. Introduction to Computer Science
2. Introduction to Python Programming
3. `print()` function
4. Data Types
5. Variables
6. Calculations
7. String Formatting
8. Escape Sequences
9. String Indexing
10. String Slicing
11. Step Slicing
12. Input Method
13. Project 1 - Band Name Generator
14. Project 2 - Tip Calculator

Presentation Agenda

What is an Escape Sequence ?

Examples of Escape Sequences

Escape with \n

Escape with \'

Escape with \"

Escape with \t

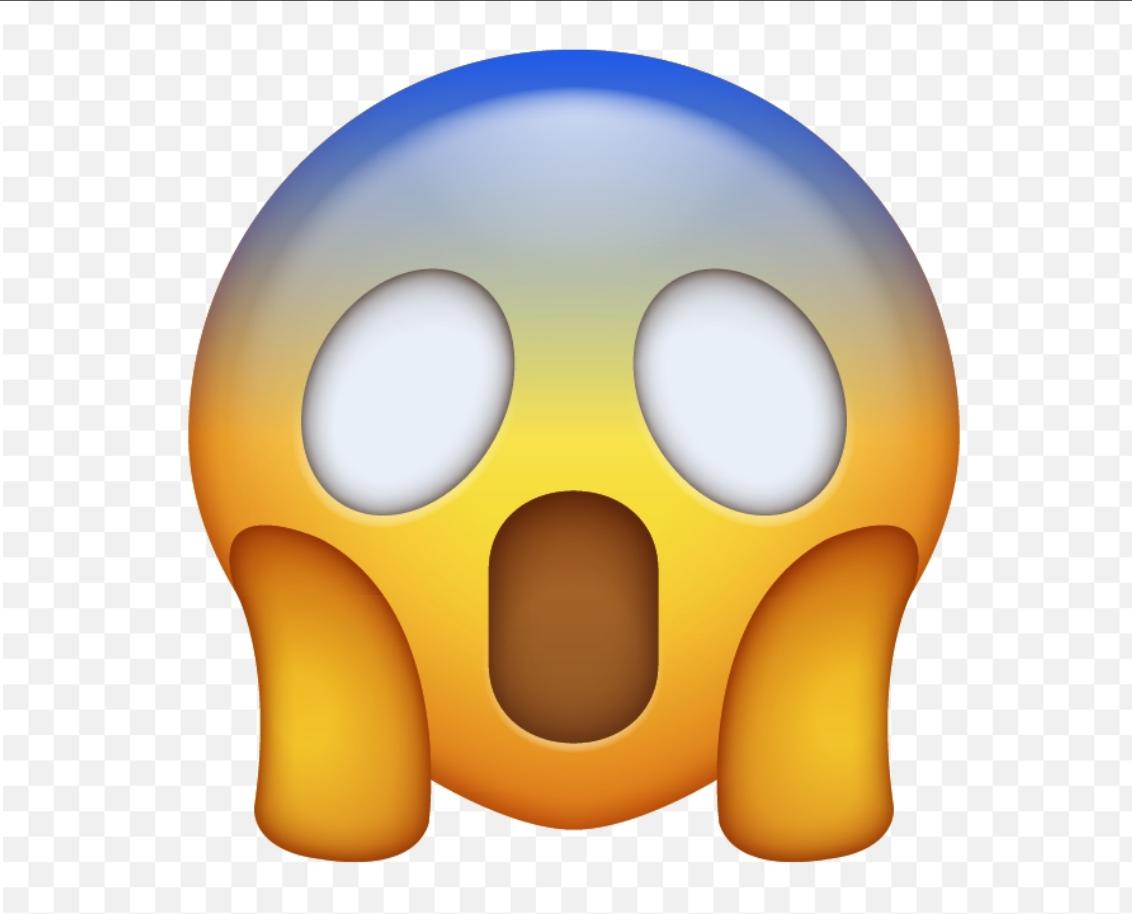
More about Escape Sequences

What is an Escape Sequence ?

Escape Sequences

What is an Escape Sequence ?

An escape sequence is a sequence of characters that does not represent itself when used inside a character or string, but is translated into another character or a sequence of characters that may be difficult or impossible to represent directly.



A terribly horrible definition

Let's try to understand this with an example.

Examples of Escape Sequences

Escape Sequences

Examples of Escape Sequences

Code :

```
print("Line A\nLine B")
```

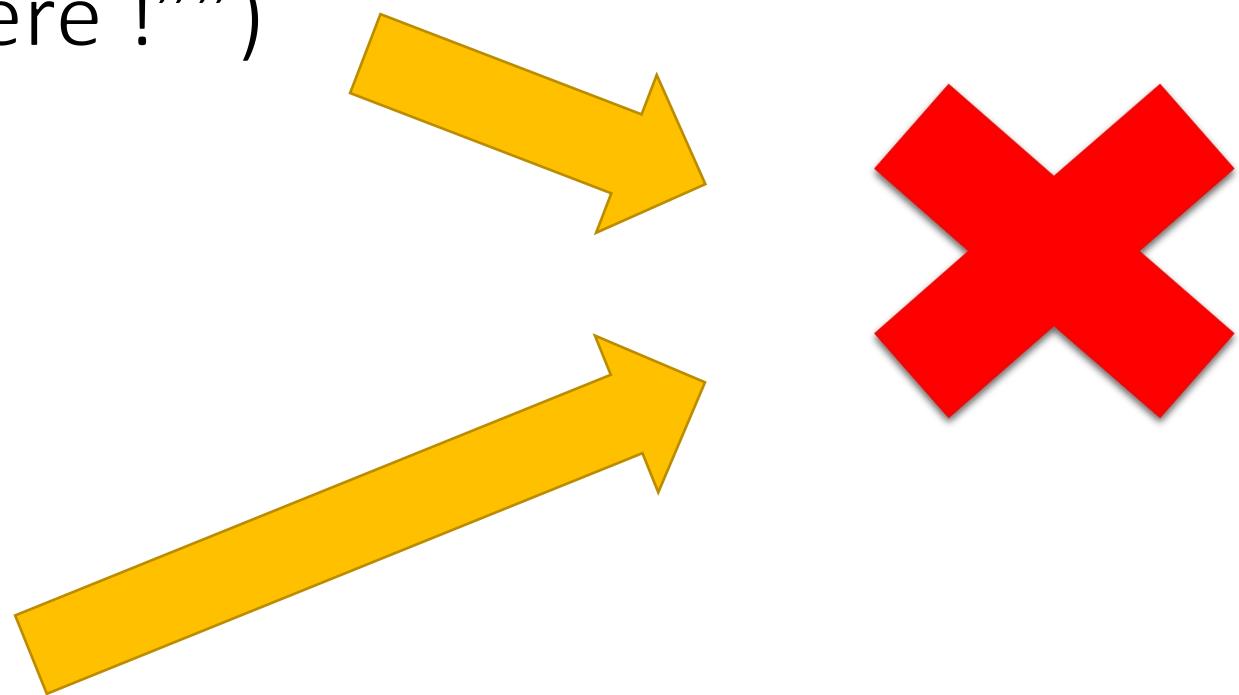
```
print("He said, "Come here !")
```

Output:

Line A

Line B

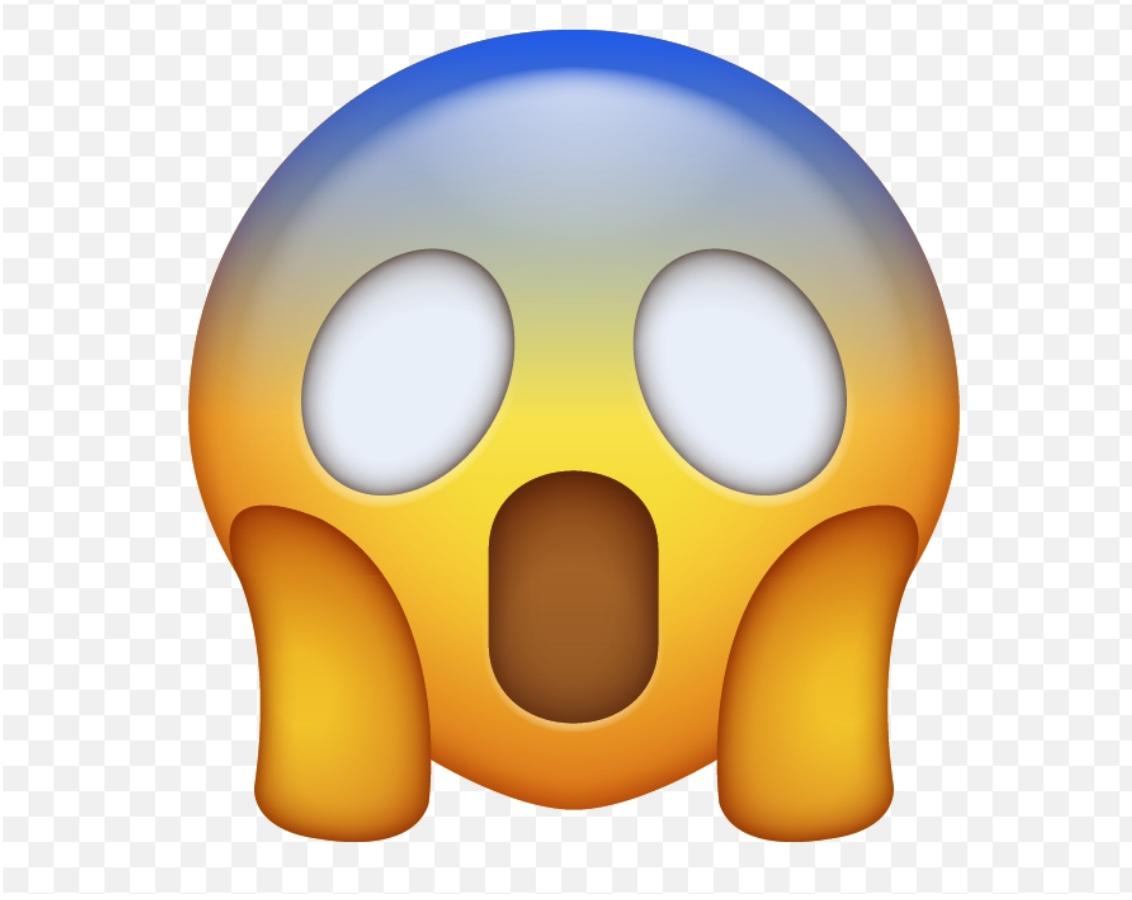
He said, “Come here !”



```
print("He said, "Come here !")
```

```
print("He said, "Come here !")  
          ^
```

```
SyntaxError: invalid syntax
```



We will talk about the solution in just a little bit.

Escape with \n

Escape Sequences

Escape with \n

\n is an escape sequence for a new line character.

Code :

```
print("Line No. 1\nLine No. 2")
```

Output :

Line No. 1

Line No. 2

Escape with \'

Escape Sequences

Escape with \'

\' is an escape sequence for a single quote in a single quoted string.

Code :

```
print('This is Anil\'s pencil.')
```

Output :

This is Anil's pencil.

Escape with \"

Escape Sequences

Escape with \"

\" is an escape sequence for a double quote in a double quoted string.

Code :

```
print("He said, \"Come here !\")
```

Output :

He said, Come here !

Escape with \t

Escape Sequences

Escape with \t

\t is an escape sequence for a tab.

Code :

```
print("Total number of students\t:\t20")
```

Output :

Total number of students : 20

More about Escape Sequences

Escape Sequences

More about Escape Sequences

Escape sequences are not really used a lot in the real world. They are used in very rare cases.

That's the reason we will not be emphasizing a lot onto escape sequences.

Thank You!



Kaustubh Wankhede