

# Python

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Interview questions – Chapter 1 to Chapter 3

## Chapter 4



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# What type of language is python? Programming or scripting?

- Python is scripting, general-purpose, high-level, and interpreted programming language.

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# Difference between compiler and interpreter?

COMPILER	INTERPRETER
<b>Compiler converts entire source code of a programming language into machine code</b>	<b>Interpreter takes the source code and runs it line by line translation each line as it comes to it</b>
Compiler takes the large amount of time to analyze the entire source code but the overall execution time of the program is faster	Interpreter takes less amount of time to analyze the source code but the overall execution time of the program is slower
Ex: C, C++, Java	Ex: Python, Perl, Matlab

# Who invented python programming?

Guido van Rossum



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# Current version of python?

- 3.9.2
- It depends. So it's always better you check current python version before appearing for an interview.

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# First version of the python released in which year?

- 1991



# IDLE & IDE Fullforms

- Integrated development learning and environment
- Integrated development environment

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# What a machine can understand?

- 0's and 1's or you can say machine code.



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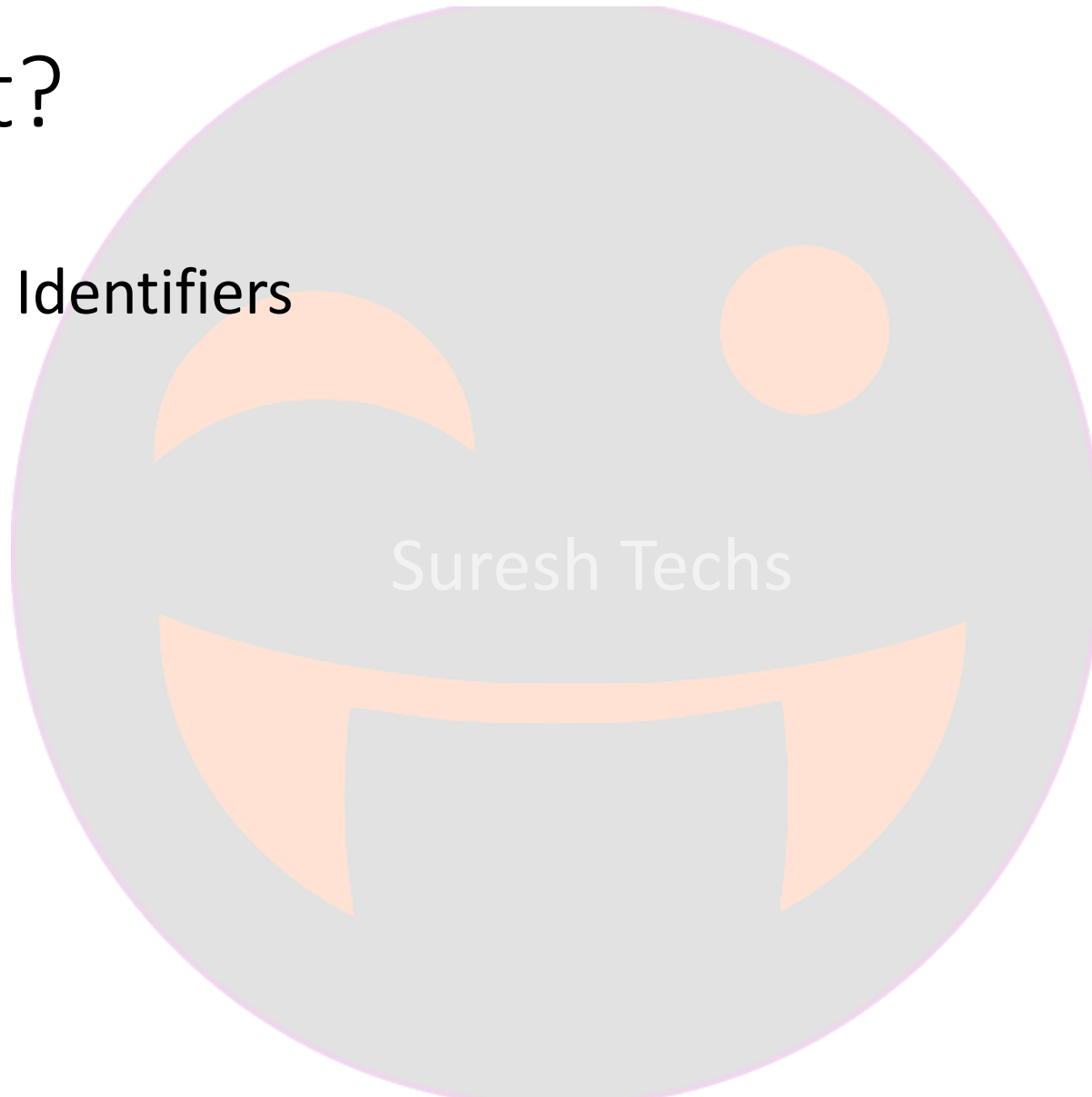
# What is a translator?

- Anything that converts one level language to another level language is known as a translator.
- Ex: compiler, interpreter, assembler etc.

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# What next?

- Keywords and Identifiers





# PYTHON

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