Review of Python

Lecture - 1

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What is Python

Python is an interpreted, object-oriented, high-level programming language with dynamic semantics.



- Python was developed by Guido van Rossum.
- Python is derived from many other languages, including ABC, Modula-3, C, C++, Algol-68, SmallTalk, and Unix shell and other scripting languages.

Features of Python

- Simple and minimalistic language
- Easy to Learn
- Interpreted: Python is processed at runtime by the interpreter.
 You do not need to compile your program before executing it.
- Object Oriented
- Interactive
- Extensive Libraries : The Python Standard Library is huge indeed.

Application of python

- Web application(django)
- Game development(pygame)
- Web scraping : The data is extracted and saved to a local file in your computer
- Data Science
- Robotics

Websites based on python

- DropBox
- Survey Monkey
- Google
- Quora
- Yahoo maps
- Pinterest
- YouTube

Install python

Print Hello world

Print hello world

>>> print("Hello world!")

Hello world!



Print any Number

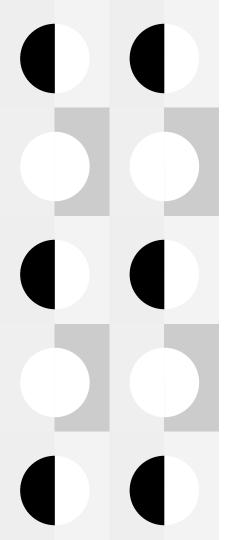
Print any Number

```
>>> print(20)
20
>>> print(24.3)
24.3
>>> print(-.11)
-0.11
```

Comments in python and Why we use it?

Place '#' in front of each line
Use triple quoted string. (""") and it is used for multi-line
comments

>>> print("Sandip kumar") # It is my name Sandip kumar



Thank You!

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