Python Installation

Editor

Python overview/ history

Python comments/variables/keyowords

Timing : 8:30 am to 9:30 am

```python
In [ ]:  # 8879997954
```

Python- Guido van rossum - 1989 -- Feb 1991- 0.9.0

Jan -19994 - 1.0.0

Oct - 2000 - 2.0.0 - list comprehensions,garge collector and unicode code

Dec- 2008 - 3.0.0

```python
In [9]:  print "hello world" # python 2- to many version
```

```
  Cell In[9], line 1
    print "hello world" # python 2- to many version
          ^
SyntaxError: Missing parentheses in call to 'print'. Did you mean print(...)?
```

```python
In [6]:  print("hello world")
```

```
hello world
```

Python - Python is a high level , interpreted, oops language

Python is the general purpose programming language

- Simple

- easy to learn

- interpreted

Key Characteristics

```
1- interpreted language

2- dynamic typing

3- cross plateform

4- Object -Oriented programming language
```

PyPI - Python Package Index

Installer packages

PIP - Python Installer packages

Conda

UV

Poetry

Installation

```
In [ ]:  https://bootstrap.pypa.io/get-pip.py
         https://www.jetbrains.com/pycharm/download/download-thanks.html?platform=windows
         https://www.python.org/ftp/python/3.10.0/python-3.10.0-amd64.exe
```