In [ ]:

```
* Introduction
* History of the Python
* Python syntax
* Print Statment
* Indentation definition
* Discussion about the Python Tools
* MCQ FUN
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# Introduciton Python
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In [ ]:

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- High level language
- code redeability
- Python syntax to allow programmers concept in a few line of code
```

In [ ]:

```
-> Instagram, spotify, Quora


Application :

-> Web development - django
-> Machine learning - pandas, numpy etc
-> Desktop Applicaiton - CRM - dajngo rest api  - Client relationship Management
-> Networking - Automation === Suppose your code github -> Python
-> Game Development - Unity Game Eng.. || Python Library
-> Data Science  - Pandas, Numpy , matplotlib et
-> kiwi
```

In [ ]:

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# Programming -

-> Teaching your mind
-> Teaching your Machine
-> Execute the program
```

In [ ]:

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# History of the Python

-> Python language was created from Guido van Rossum
-> 1989 released
-> 2008 offical released
-> 2021 Oct - python
```

In [ ]:

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Python Syntax :
```

In [1]:

```
print("Hello world")
```

```
Hello world
```

In [ ]:

```
# One line of code -> print()
```

In [2]:

```
a = 2
b = 3
a +  b
```

Out[2]:

```
5
```

In [ ]:

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# Key  Features of Python Language :
```

In [ ]:

```
-> Easy & Powerful
-> object - Oriented
-> Interpreted
-> Interactive
-> Open Source
```

In [ ]:

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# Easy & Powerful ->  less technical & Powerful
                  ->  calle python

# Object-Oriented -> Oops concept provide to a reusable code template
                   -> Features classes & Import easily anwhere class
                  -> simplicity define for oops concept


# Interpreted  -> Proccessed line by line code

# Intrective  ->  # >>>

# Open Source - Library
```

In [ ]:

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# Interpreted example :
```

In [8]:

```
x = 1
```

In [9]:

```
y = 2
```

In [10]:

```
z = x + y
```

In [11]:

```
print(z)
```

```
3
```

In [ ]:

```
# Python Installation

# Windows - .exe

# Mac - .dmg

# linux || ubuntu -


-> sudo apt-get install python3
```

In [ ]:

```
# Jupyter notebook
```

In [ ]:

```
pip install jupyternotbook
```

In [13]:

```
import keyword

print(keyword.kwlist)
```

```
['False', 'None', 'True', '__peg_parser__', 'and', 'as', 'assert', 'async', 'await', 'break', 'class
', 'continue', 'def', 'del', 'elif', 'else', 'except', 'finally', 'for', 'from', 'global', 'if', 'im
port', 'in', 'is', 'lambda', 'nonlocal', 'not', 'or', 'pass', 'raise', 'return', 'try', 'while', 'wi
th', 'yield']
```

In [ ]:

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