



Python Programming

Session 1

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TOPICS

Python Fundamentals and Programming

❖ Introduction to python

Introduction to Python

Python is a popular programming language. It is used for:

- ❖ Web development
- ❖ Software development
- ❖ Mathematics
- ❖ System scripting

Creator or Creative

- Guido van Rossum
- 31 Jan 1956
- Netherlands
- Computer programmer, Amsterdam
- Python 1991



Python Features

Python is one of the easiest coding languages to learn

- Easy to code
- Python is similar to english
- Free and Open Source
- Python is beginner-friendly language
- Python is high-level programming Language
- Python is an open-sourced language
- Object-Oriented Language
- GUI Programming Support

How much easy is it?

Let's check the **First Program** of some programming language. **Hello World** program

JAVA

```
class HelloWorld {  
    public static void main (String args[]){  
        System.out.println("hello, world");  
    }  
}
```

C++

```
#include  
  
int main() {  
    std : : cout << "Hello, world!" ;  
    return 0;}  

```

PYTHON

```
print("Hello, world!")
```

Python Versions

V2.

Released 2000

End of full support 2020

Last version **2.7.18**

V3

Released 2008

End of full support Not define

Last version **3.9.6**

Points

- Each Exercise has 100 point
- We have also some optional exercises that is much harder
- Last project 200 point
- Midterm 100 point
- Final 100 point