

001: Introduction to Python

Learning Outcome: Python, IDLE, print function, Mathematical Operators

Definitions/Concepts

Python

- It was developed by Guido Von Rossum.
- Rossum loved watching a comedy group by the name Monty Python, he named the language after that comedy group.
- It is one of most popular programming languages. Guido Von Rossum

IDE

- It stands for Integrated Development Environment.
- It is a platform/software to write code and run them to get the output.

IDLE

- It stands for Integrated Development and Learning Environment.
- It is a python's text-based command window to write code and run them to get output.

print() function

- It is used to display anything on the output screen.
- Whatever we want to display needs to be either in between single quotes or double quotes.

Double quotes “ ”

```
>>> print("Hello Python")  
Hello Python
```

Single quotes ‘ ’

```
>>> print('Hello Python')  
Hello Python
```

This doesn't happen in all other programming languages, this is a feature of python, that we can use either single or double quotes.

Escape Character

- The backward slash \ along with a special character helps to do more things using the print function.

\n • Things written after \n are displayed in the next line.

```
>>> print('I am learning to code in Python.\n I am loving it')  
I am learning to code in Python.  
I am loving it
```