

What is Python?

Python is a **high-level, interpreted** programming language known for its **simplicity, readability, and versatility**. It was created by **Guido van Rossum** and first released in **1991**. Python supports multiple programming paradigms, including **procedural, object-oriented, and functional** programming.

Why Learn Python?

1. Easy to Learn and Use
2. Versatile and Widely Used
3. Large Community and Libraries
4. High Demand in the Job Market
5. Open-Source

Installing Python On UBUNTU

```
sudo apt update
```

```
sudo apt install python3 python3-pip
```

```
sudo apt install python3-venv
```

```
# Create virtual environment & Activate
```

```
python3 -m venv myenv
```

```
source myenv/bin/activate
```

Writing and running your first Python program

```
print("Hello World")
```

Setting up an IDE-VS Code