python
Python Programming
Programing concepts & Core Python
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What Python

Python is an ***interpreted*** *high-level* *general-purpose* *programming language*. Python's design philosophy emphasizes *code readability* with its notable use of *significant indentation*.

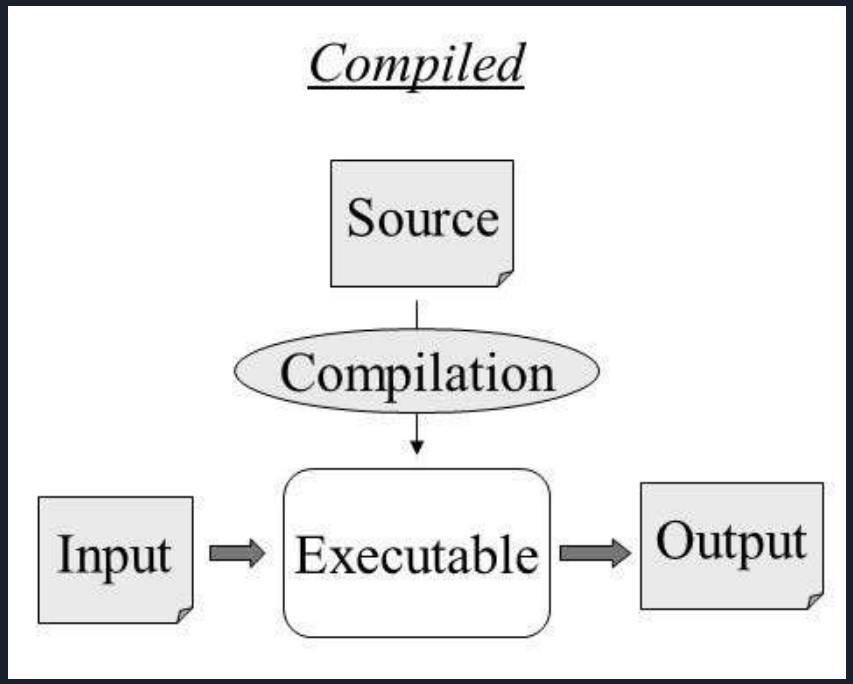
Why Python

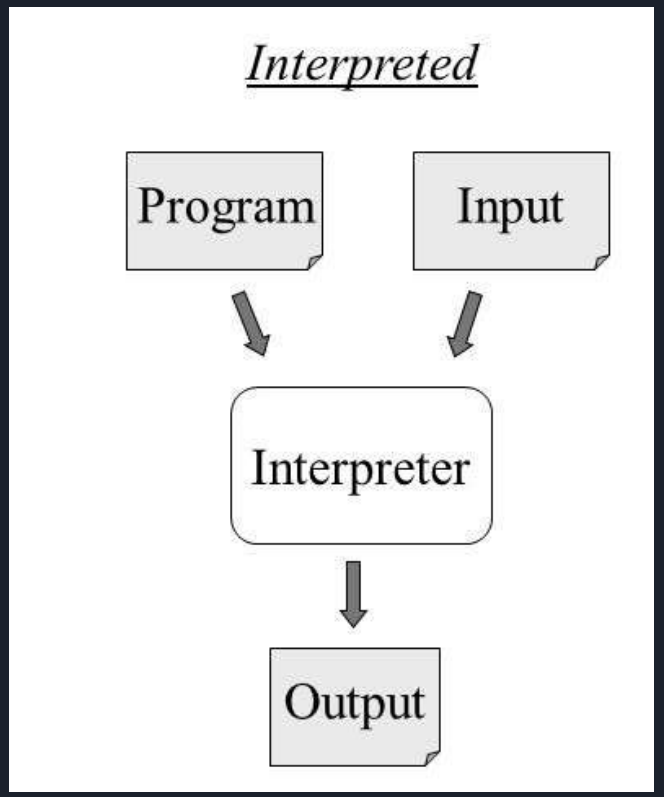
1. Easy to Learn and Use
2. Mature and Supportive Python Community
3. Support from Renowned Corporate Sponsors
4. Hundreds of Python Libraries and Frameworks
5. Efficiency, Reliability, and Speed
6. Big data, Machine Learning and Cloud Computing
7. The Flexibility of Python Language
8. Automation

Why not Python

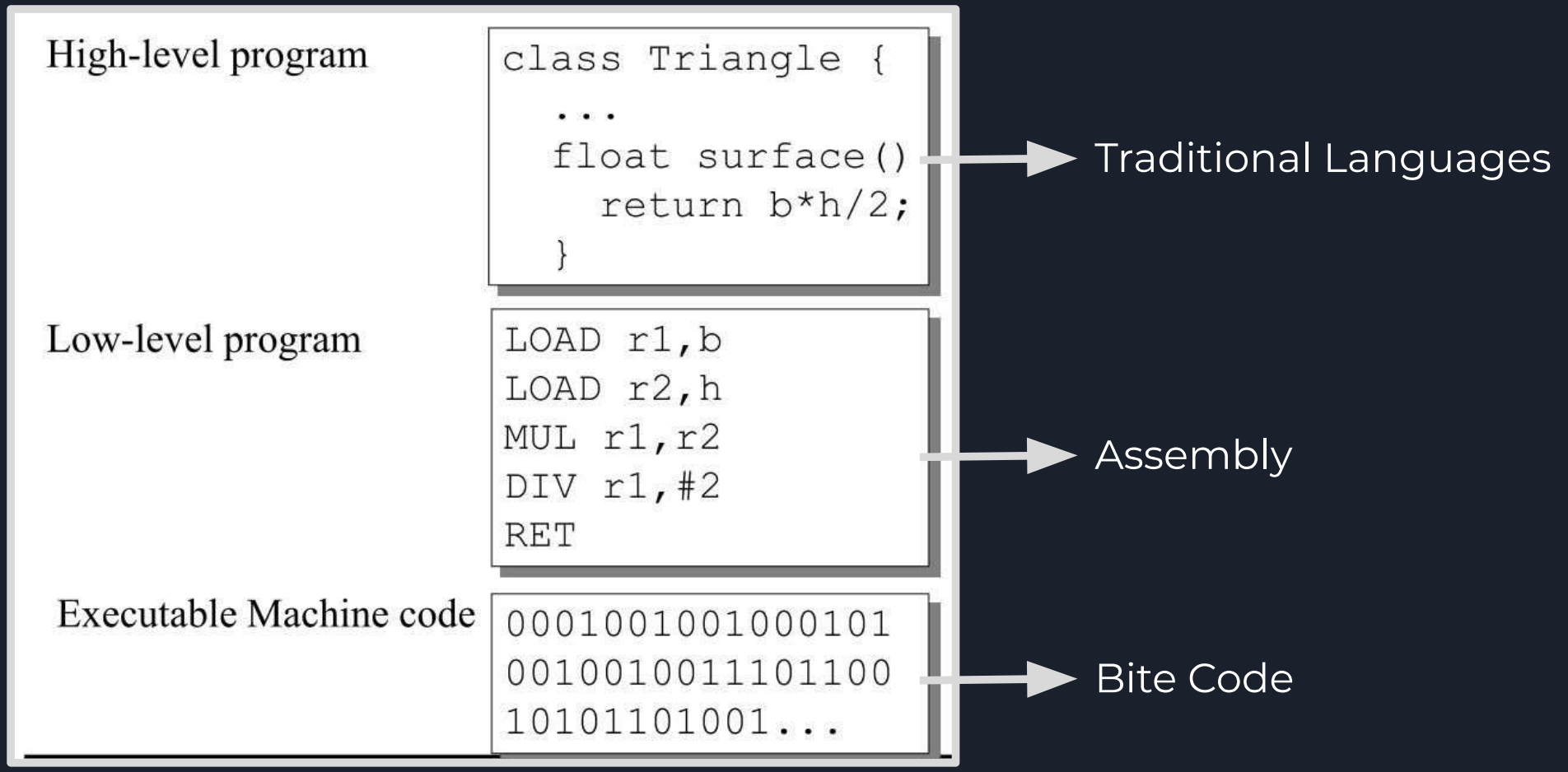
1. Speed limitations
2. Problems with threading
3. Not native to mobile environment
4. Memory consumption
5. Simplicity

Interpreted vs Compiled





High-level vs Low-level



General-purpose vs Specific

General-Purpose

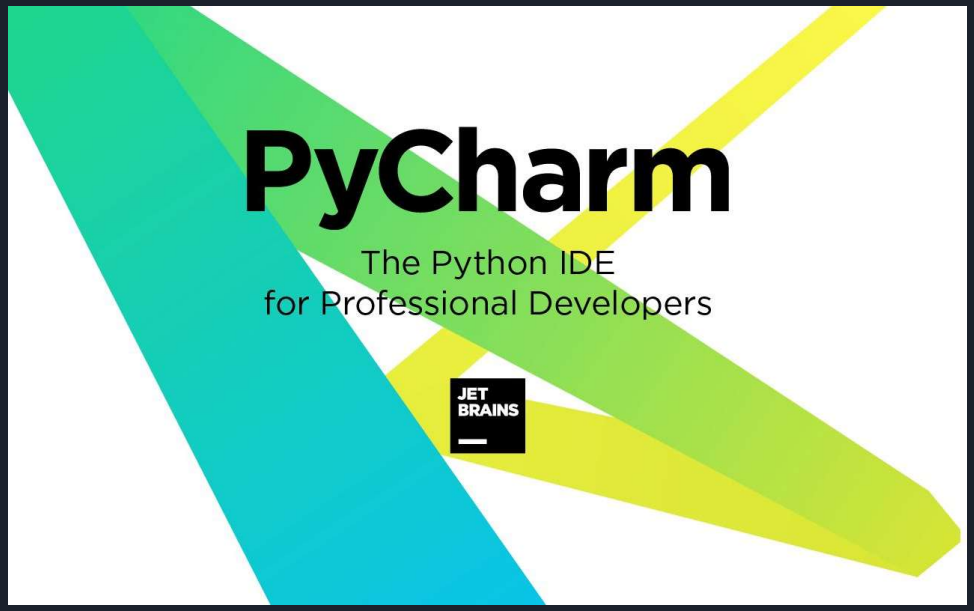
1. Python
2. C,
3. C++
4. Java
5. C#

Specific-Purpose

1. SQL
2. HTML
3. CSS
4. XML
5. MD

Setup & Configure

IDEs vs Code editor



First Programm

```
print(“Hello World”)
```

Q
A