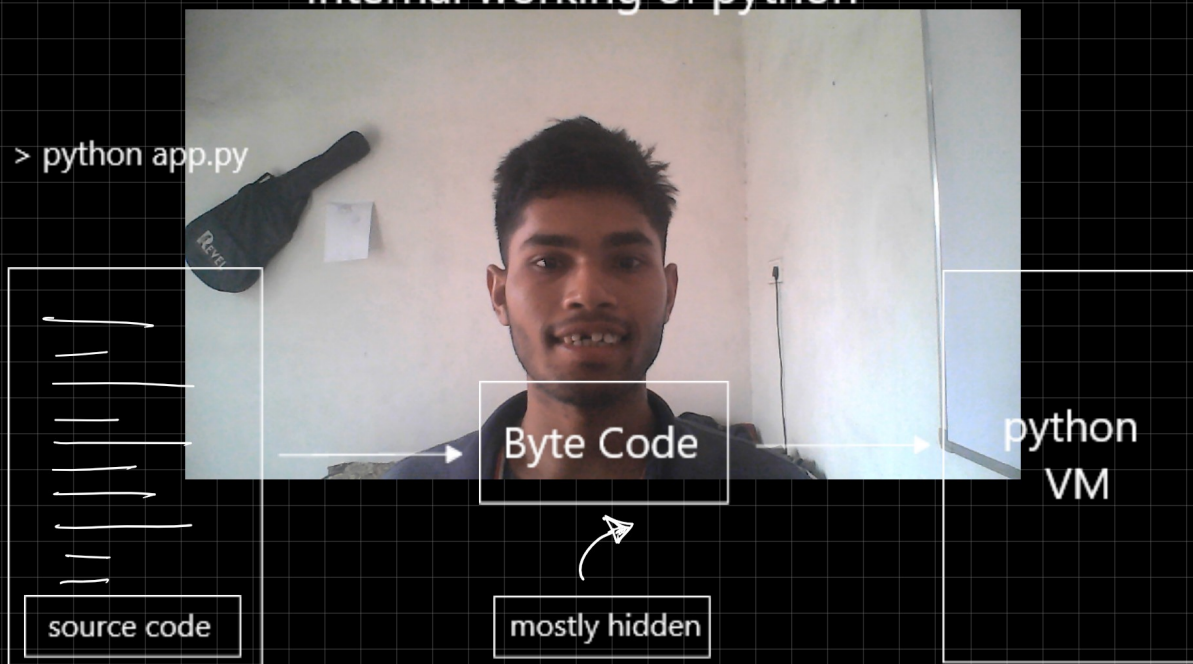


Internal working of python



1. Compile to Byte Code

- Low level & platform Independent
- Byte code runs faster
- `.pyc` → compiled python (Frozen Binaries)

-- `.pycache` --

Source change & Python Version

hello-abhi.cpython-312.pyc

- Works only for imported files.
- Not for top level files.

2. Python Virtual Machine (PVM)

- Code loops to iterate bytecode
- Runtime engine
- Also known as python interpreter
- Bytecode is not machine code.
- Python specific interpretation
- cpython, jython, IronPython, Stackless, PyPy
 - ↖
standard implementation

Mutable and Immutable in Python

