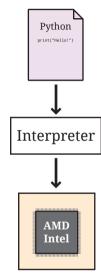
Program in high level language, such as C #include <stdio.h> int main() println("Hello!") Compiler x64

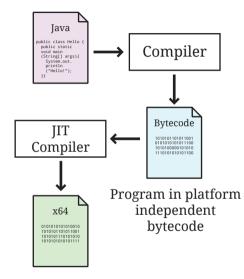
Equivalent program in machine language

Program in high level language, such as Python



Executes program directly on CPU

Program in high level language, such as Java



Equivalent program in machine language

(a)

(b)

(c)