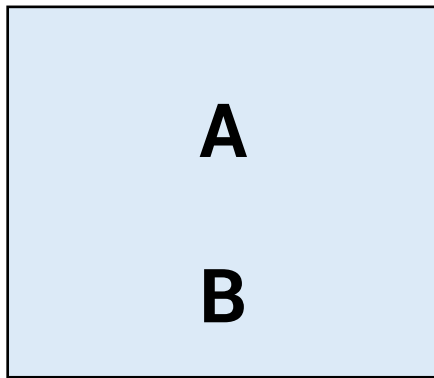
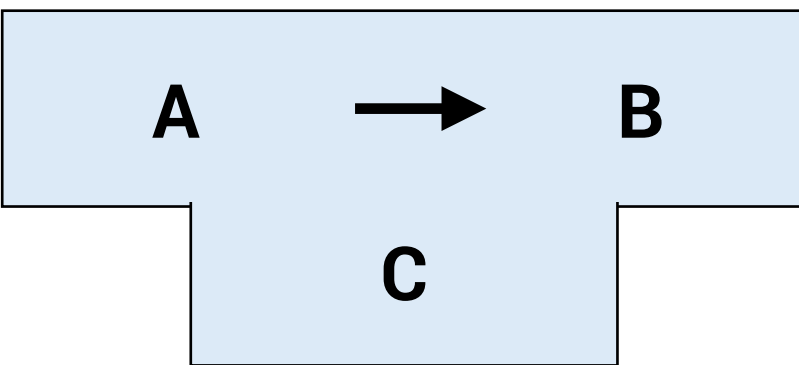


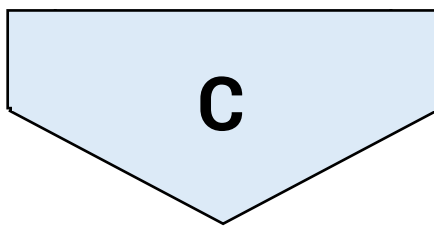
Program **P**  
implemented in **A**



Language A  
*interpreter*  
implemented in B



Language A to  
Language B  
*compiler*  
implemented in C



**C** Machine



Hello.py

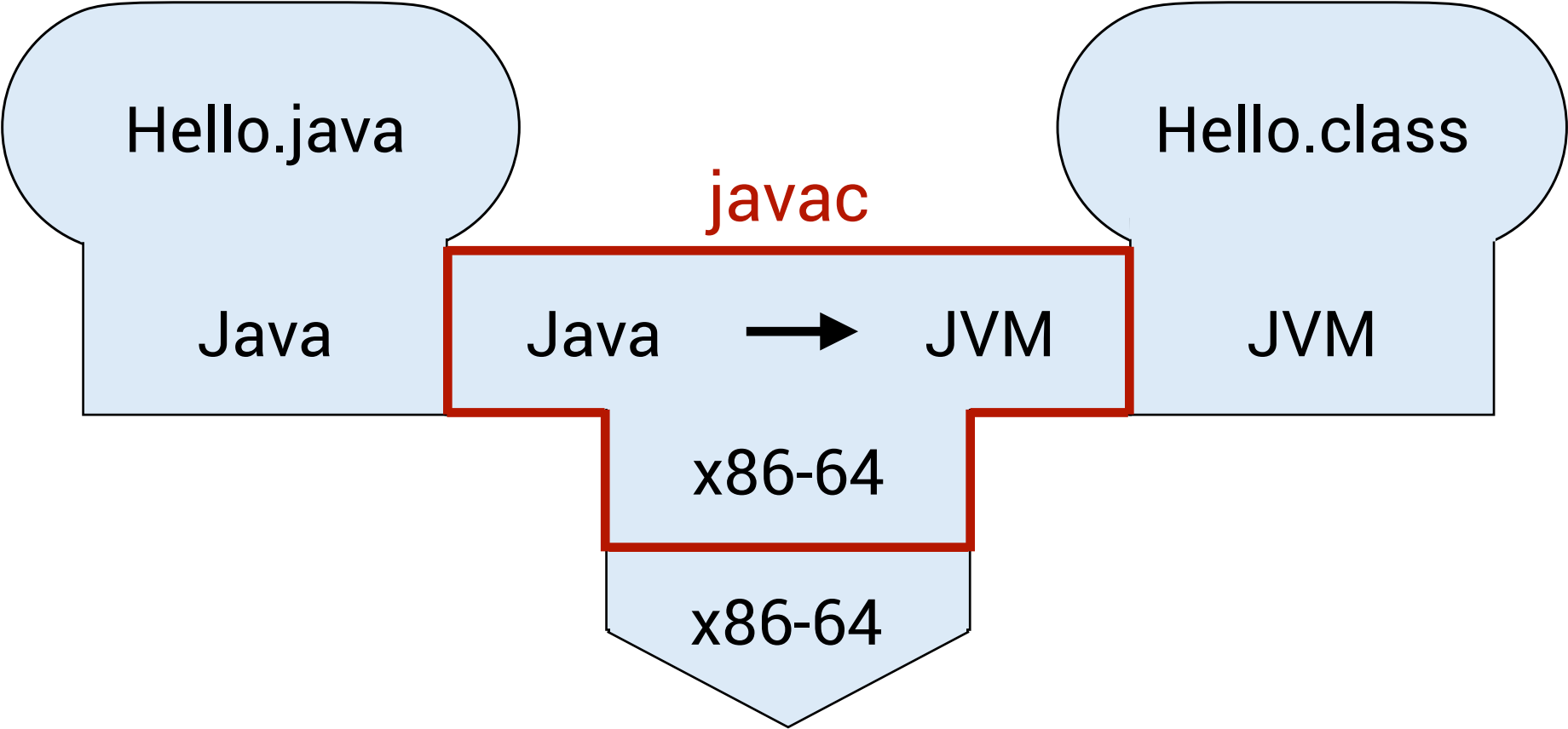
Python

Python

x86-64

x86-64

Python  
interpreter



Hello.class

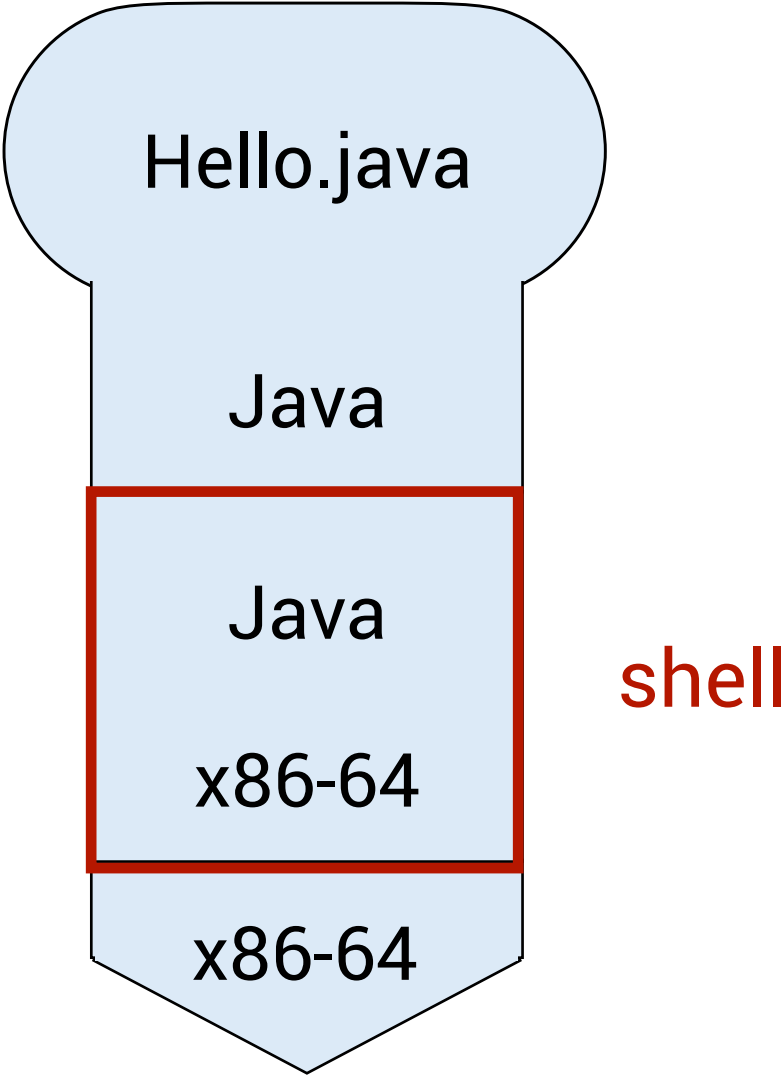
JVM

JVM

x86-64

x86-64

java



Hello.java

Java

Java

x86-64

x86-64

shell

