Black Box

Actor → Black Box → A, B, C

Programming Languages

Actor ↔ PC

English ... Binary

WRITE ONCE, RUN EVERYWHERE!

A — Actor → Actor → Rus dili

B — Actor → Actor → Rus dili → Actor → Actor

C — Actor → Actor → Rus dili

2n

English

Actor

Actor   Actor   Actor

Actor   Actor   Actor

Actor   Actor   Actor

n^2
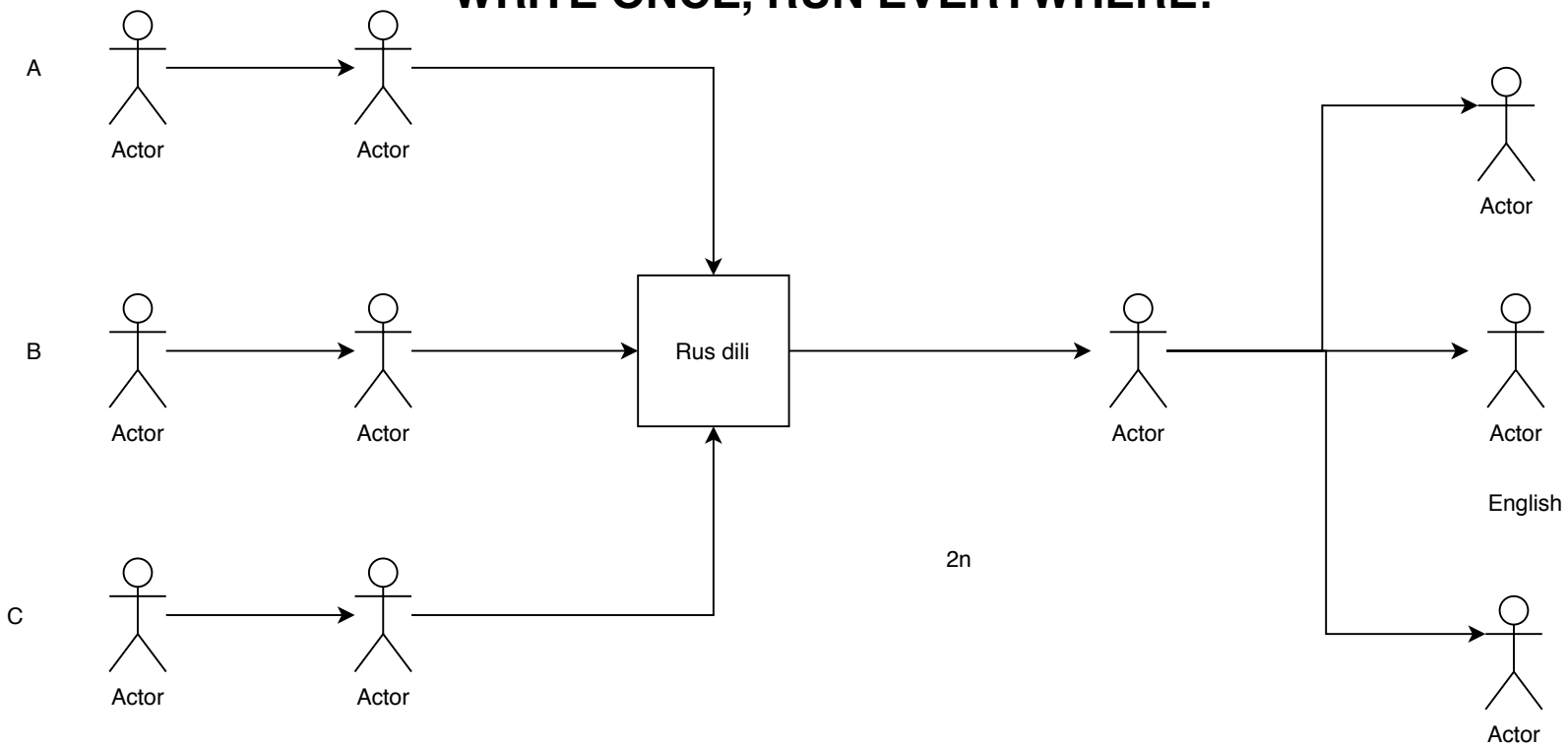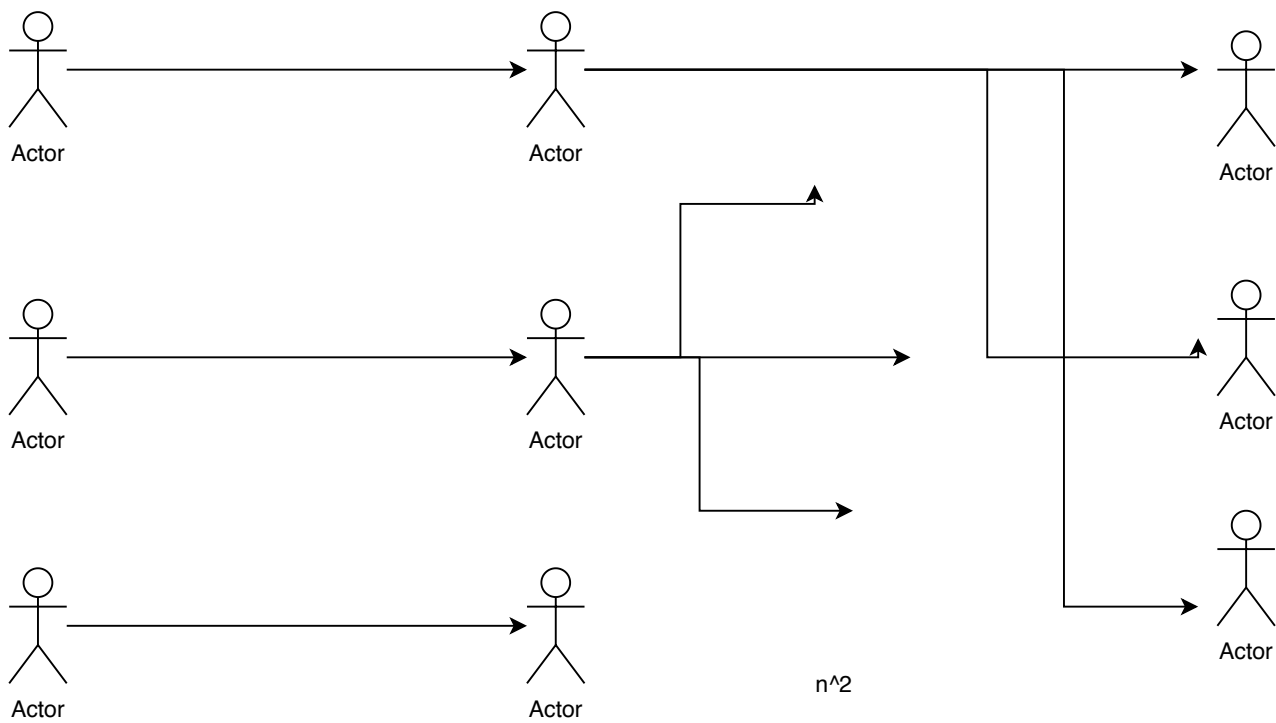
2 EDEDIN CEMINI TAPAN PROQRAM YAZIN

Compilator

Compilation - kompilyasiya

| Source code | Binary format (0&1) | PC (run) |

Hello.c

| Source code | Binary format (0&1) | PC (run) |

Hello.c

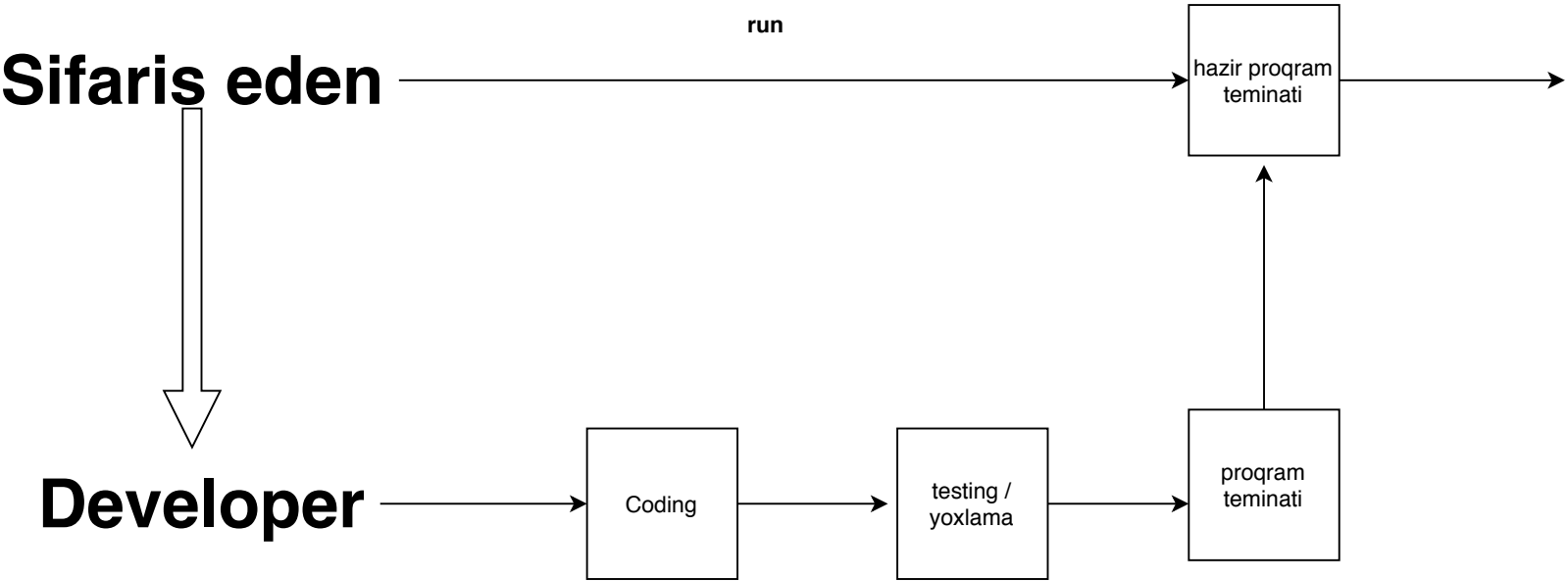| Source code | Binary format (0&1) | PC (run) |

Hello.c
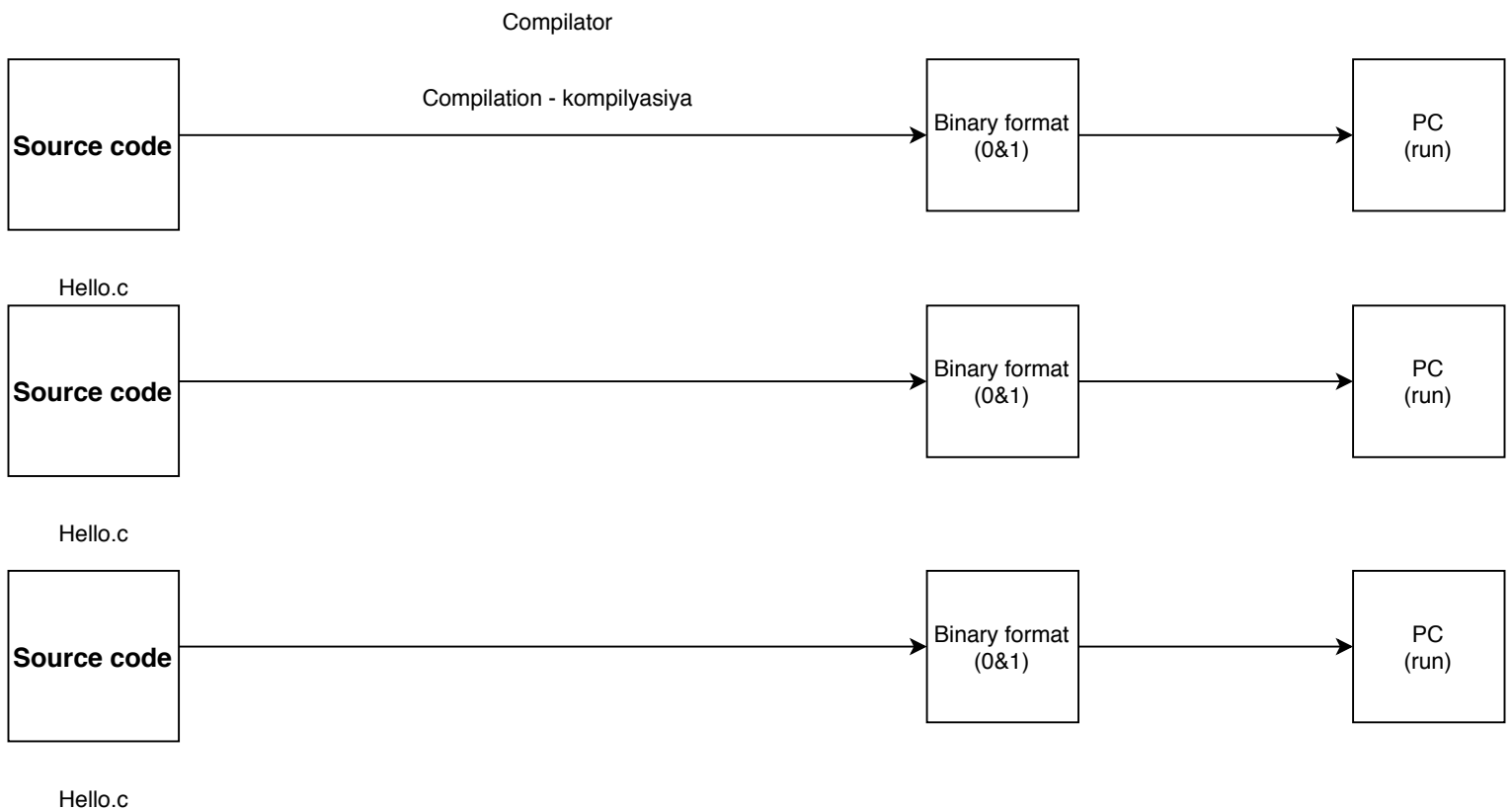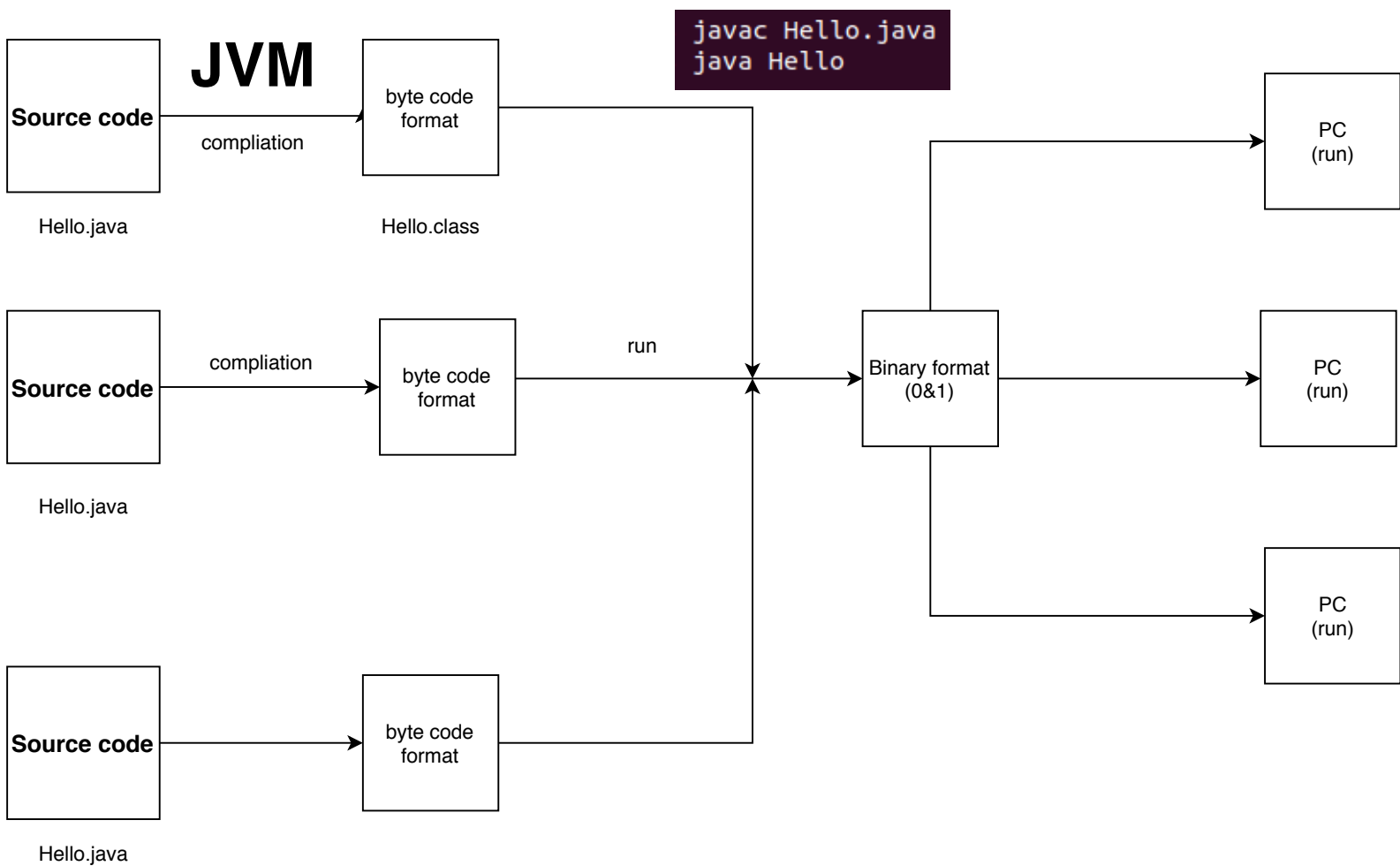
JVM - Java Virtual Machine

javac - java compiler

byte code - output of java compiler - extension ".class"

Input --> Process --> Output

Sifaris eden run → **hazir proqram teminati** →

↓

Developer → Coding → testing / yoxlama → proqram teminati → hazir proqram teminati

Java

Java Development Kit - JDK → javac, JRE

Java Runtime Environment - JRE → JRE