

# Introduction

Bit

0, 1

$2^1$

$2^8$



8 bits

1 Byte

Mbps

1100.1010

2	28	
2	14	0
2	7	0
2	3	1
2	1	1
2	0	1

11100  
64 32 16 8 4 2 1

16 + 8 + 4

→ 28

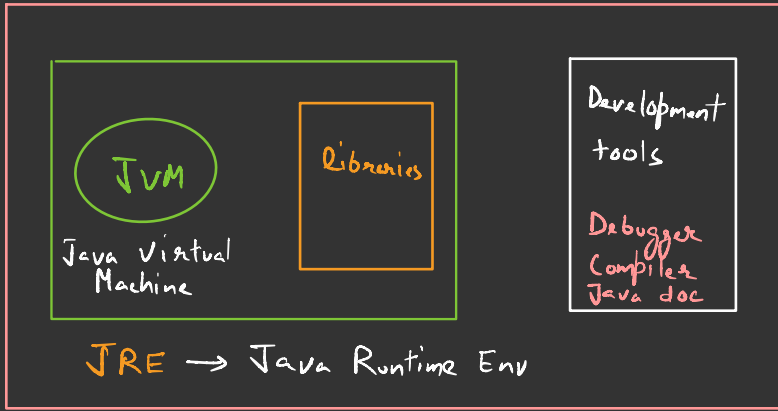
## Types of Languages

Machine Level → Binary

Low Level → Assembly

High Level → Java, C++

# Java Architecture



JDK → Java Development Kit

