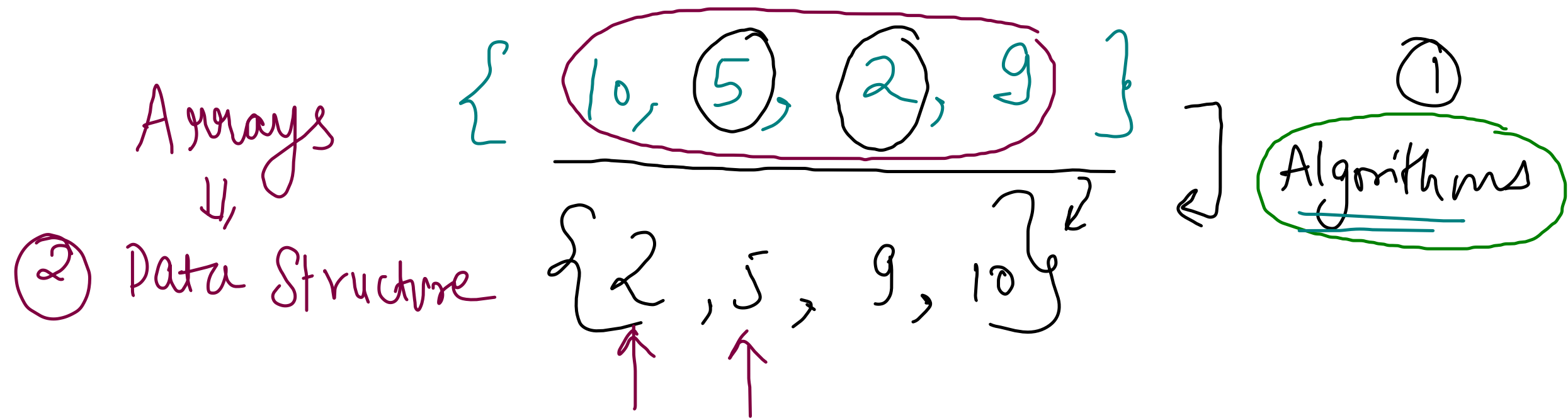
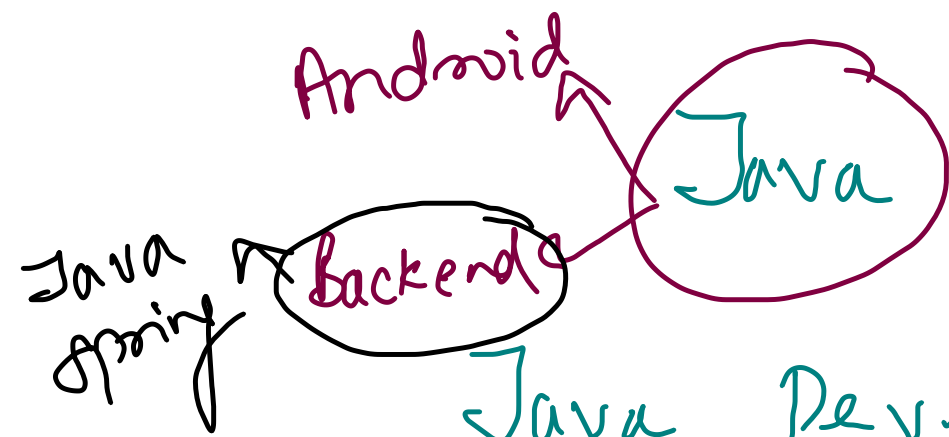


Introduction to Java

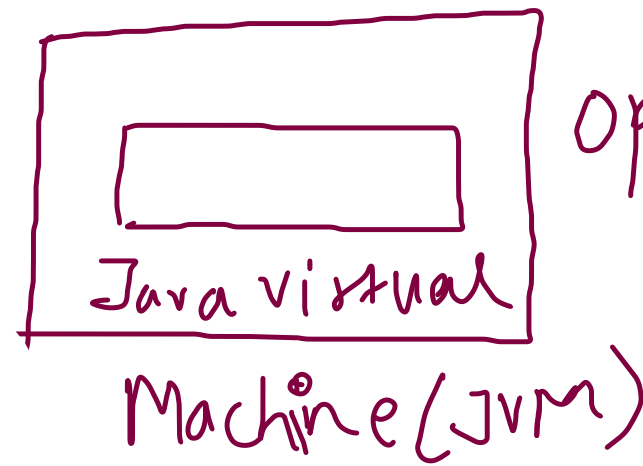
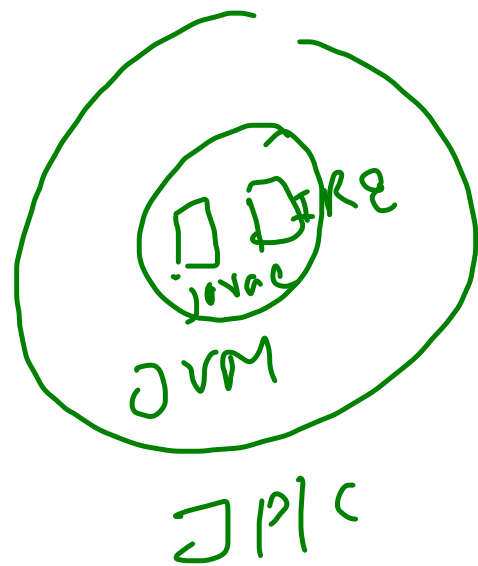
⇒ Java is an object oriented programming language





Java Development Kit (JDK)

IDE \rightarrow Integrated Development Environment



Operating System

① \rightarrow

Compilation (javac)

② \rightarrow

Java Runtime Environment

(JRE)

(Running
or
Execution)

Data Types in Java

Type	Size (bits)	Minimum	Maximum
byte	8	-2^7	$2^7 - 1$
short	16	-2^{15}	$2^{15} - 1$
int	32	-2^{31}	$2^{31} - 1$
long	64	-2^{63}	$2^{63} - 1$
float	32	-2^{-149}	$(2 - 2^{-23}) \cdot 2^{127}$
double	64	-2^{-1074}	$(2 - 2^{-52}) \cdot 2^{1023}$
char	16	0	$2^{16} - 1$
boolean	1	-	-

true
false

boolean

10.0
10.50

float-
double

var marley = 10;

'A' '0'
'B' '1'
'C' '9'

char

10
20
30

int
=
long
short
byte

System.out.println("HW");

① "consistency is the key"

2 problems per day (6 months)

VS

② "Be patient"

209 problems per day
(1-2 weeks)

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Salesforce SDE