



• Product (\*)

$$X \cdot Y \cdot Z = 72$$

House No

X yrs  
Y yrs  
Z yrs

Mathematical

$$\Rightarrow 1, 1, 72 \Rightarrow 74 \leftarrow$$

$$\Rightarrow 1, 2, 36 \Rightarrow 39 \leftarrow$$

$$\Rightarrow 1, 8, 9 \Rightarrow 18 \leftarrow$$

$$\Rightarrow 1, 3, 24 \Rightarrow 28 \leftarrow$$

$$\Rightarrow 1, 4, 18 \Rightarrow 23 \leftarrow$$

$$\Rightarrow 1, 6, 12 \Rightarrow 19 \leftarrow$$

$$\Rightarrow 2, 2, 18 \Rightarrow 22 \leftarrow$$

$$\Rightarrow 2, 4, 9 \Rightarrow 15 \leftarrow$$

$$\Rightarrow 2, 3, 12 \Rightarrow 17 \leftarrow$$

$$\Rightarrow 3, 3, 8 \Rightarrow 14 \leftarrow$$

$$\Rightarrow 3, 6, 4 \Rightarrow 13 \leftarrow$$

$$\Rightarrow 2, 6, 6 \Rightarrow 19 \leftarrow$$



$$1 * 1 * 72$$

oldest

$$\Rightarrow 3, 3, 8$$

Ans

3, 3, 8

↑

Ages

$$\Rightarrow 2, 6, 6$$

↑

2 oldest

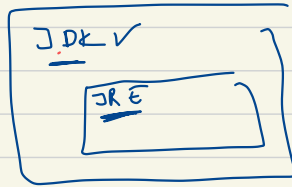
Two Times → Confusion  
just print

## Java Basics

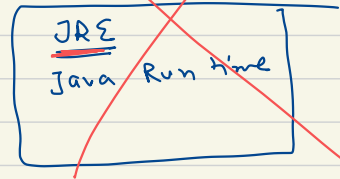
o Run Java Program Local Env.

↳ javac compiler [JDK]  
Java Dev. Kit

Software Developers.



~~Users run a Java app~~



JDK = JRE + Additional stuff  
(lib, Compiler, ...)  
JVM

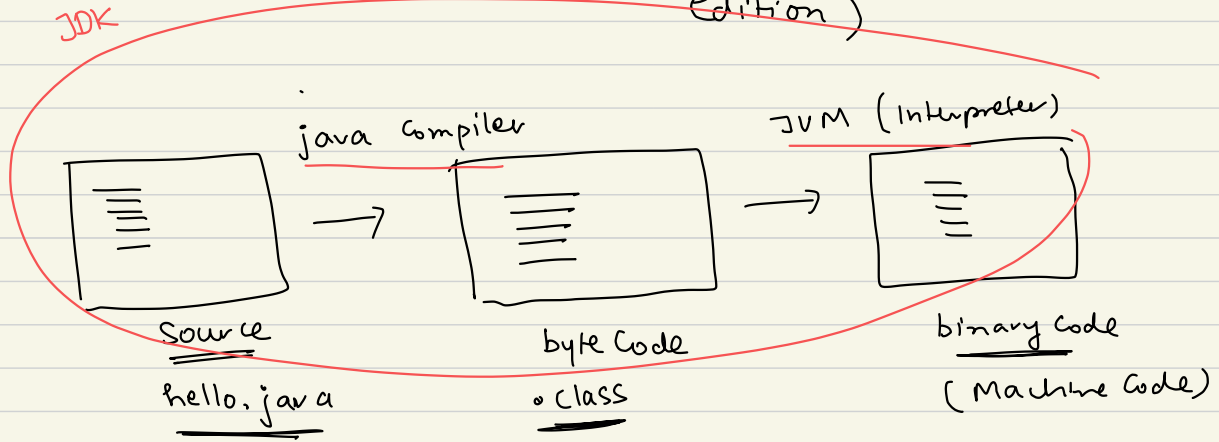
Tool to write code

↳ Text Editor

↳ IntelliJ (free community ~~Ad~~ Edition)

Text Editor

↓  
write  
code



▷ IntelliJ (IDE) + JDK

↳ Tool to build, run & code  
↳ Intelligent features

10 Mins Break



10.15

- ↳ Break
- ↳ continue
- ↳ switch case
- ↳ Prime / Questions
- ↳ ✓
- ↳ ✓
- ↳ ✓

Coding Interview ⇒ logic

→ System.out.print( );

4-5 chapters { → Head First Java (Book)  
↓  
Concepts of PL

"Oracle"  
→ Docs  
↑  
Reference

Break  
→ Stop a loop abruptly

Continue  
→ take you the beginning part of the loop

i = 1  
while (i <= 10) {  
    print(i);  
    → if (i == 7) {  
        i = i + 1;  
        } continue;  
    → ~~i = i + 2;~~  
    3

1, 3,