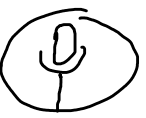Rule 1 :- Turn off Webcam

Rule 2 :- Mute the mic 🎤
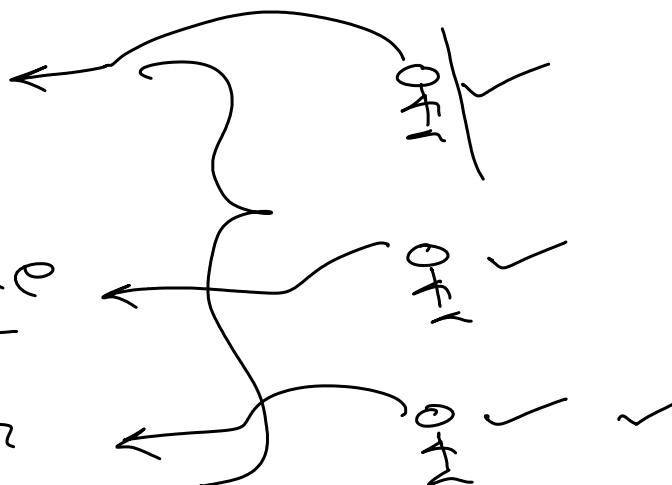
Rule 3 :- chat Box , 5 mins
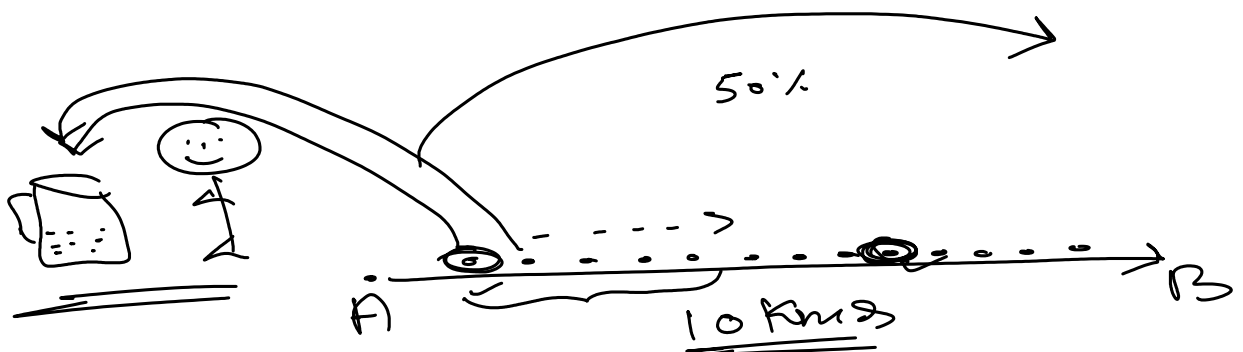
Rule 4 :- → | notes , Programs | → google

Rule 5 :- → Assign ——→ | mail |—

→ Dixith S N → Java

1.) Is Java Tough?

2.) Sir I'm from Non-IT / IT

→ Basics of programming

1.) Doctor

2.) Advocate

3.) Teacher

50%

A   10 Kms   B

1.) Weight →

2.) 5km → legs

→ Subject starts from basic fundamentals :

_____

Java Syllabus :

Part 1 : Procedure oriented Programming (Basics of Programming) :
1. programming language and its types :
2. Java and its advantages
3. Tokens
4. Structure of a java program
5. Datatypes & variables
6. operators
7. Statements
   a. print statements
   b. decision statements
   c. loop statements
   d. control transfer statements
8. Methods / Functions
9. Basic Programs to become perfect
   ===
Part2 : OOP (Object Oriented Programming)

1. Fundamentals of OOPS
   a. static & static members
   b. non-static & non-static members
   c. Object creation
   d. reference variable
2. OOP Design Principles
   a. What is a class ?
   b. What is an Object ?
   c. Principles of OOP
      i. Encapsulation
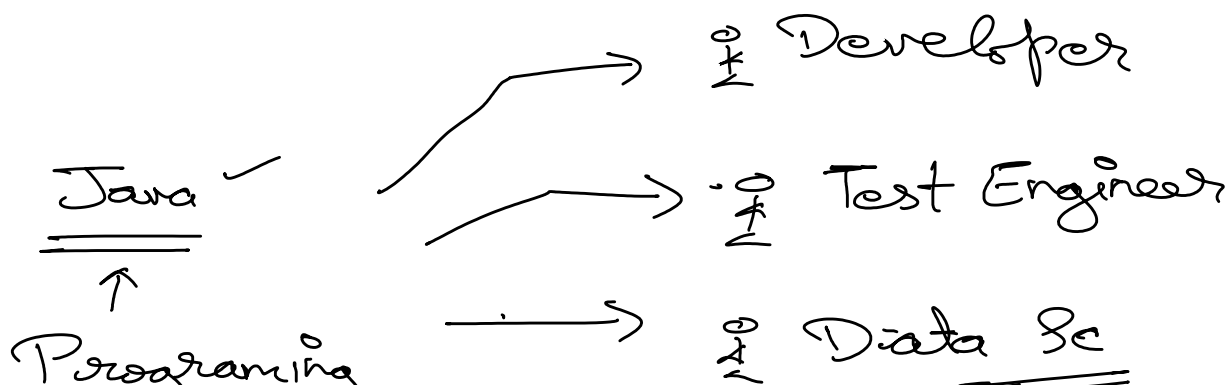   ii. Inheritance
    iii. Polymorphism

      iv. Abstraction
3. Packages
4. Modifiers & Access Modifiers

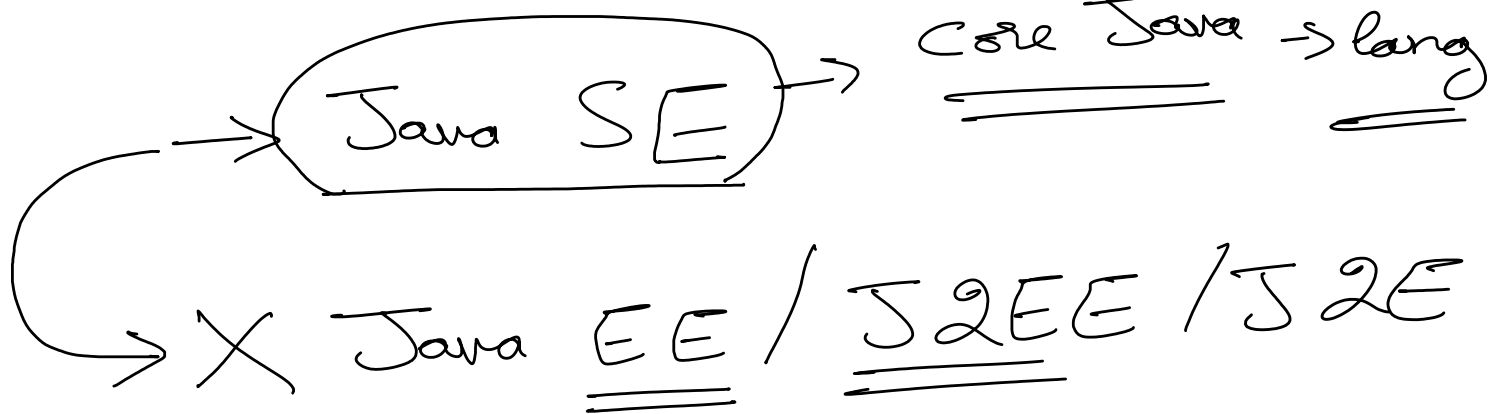==

Part3 - Built-In classes of Java

1. java.lang.Object class & it's members
2. java.lang.String class & it's members
3. Exception
4. Exception Handling
5. Wrapper classes
    a. Boxing & unboxing
6. Arrays
7. Collection Framework
    a. List
    b. Set
    c. Maps
8. Introduction to File Handling
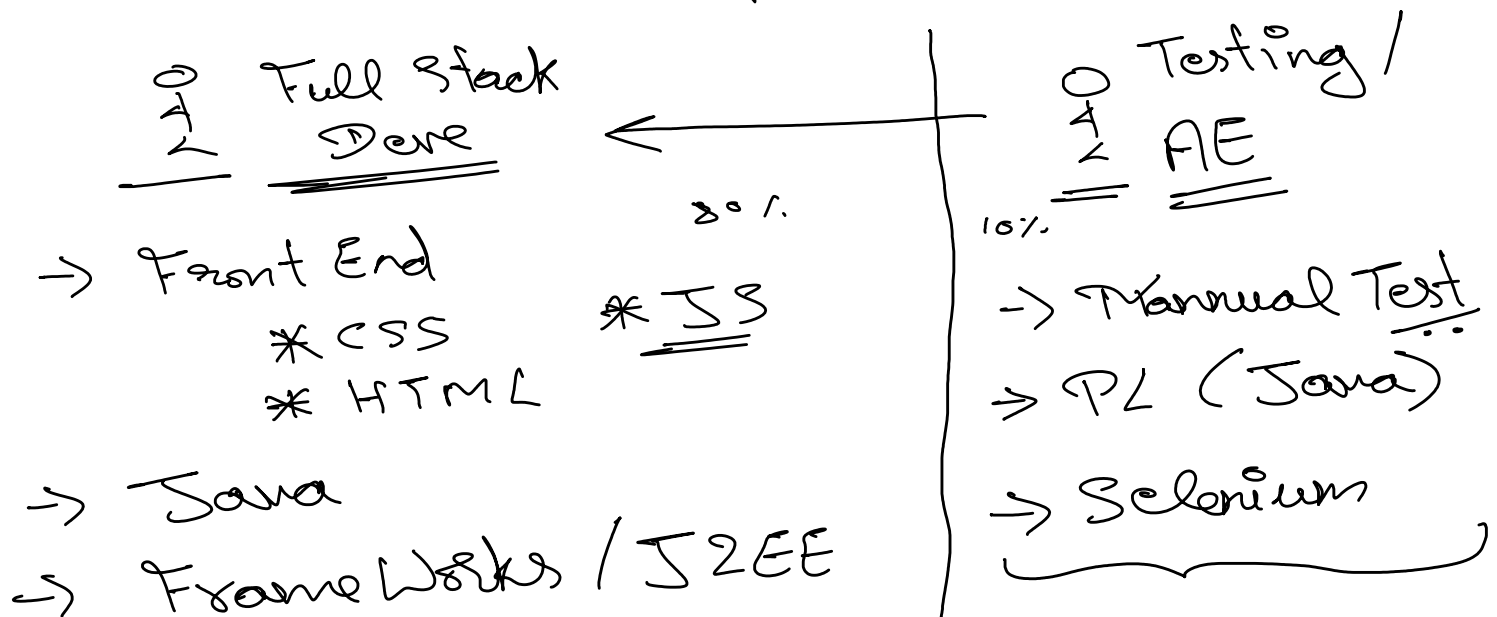9. Introduction to Threads & Multi Threading

Total : [2hrs × 60 classes] → A

                           30   ] - B

Java → Developer
→ Test Engineer
↑
Programming → Data Sc

Programing
Lang $\longrightarrow$ $\frac{1}{2}$ Data Sc

Java SE $\longrightarrow$ Core Java $\rightarrow$ lang

$\searrow$ X Java EE / J2EE / J2E

$\checkmark \rightarrow$ Enterprise Level App
$\checkmark \rightarrow$ Web Application

$\frac{0}{1}$ Full Stack Deve $\longleftarrow$ $\frac{0}{1}$ Testing / AE

$\rightarrow$ Front End   80%   10%
   * CSS   * JS
   * HTML

$\rightarrow$ Java $\rightarrow$ Manual Test
$\rightarrow$ FrameWorks / J2EE $\rightarrow$ PL (Java)
                                        $\rightarrow$ Selenium

Java   Programming Lang $\longrightarrow$ Selenium   OS $\longrightarrow$ testing

script

Selenium
tool