#2

Variable, Constants and Data Types

Aditya Tyagi

" SWIFT-A great First language to learn. "

Fast and Powerful

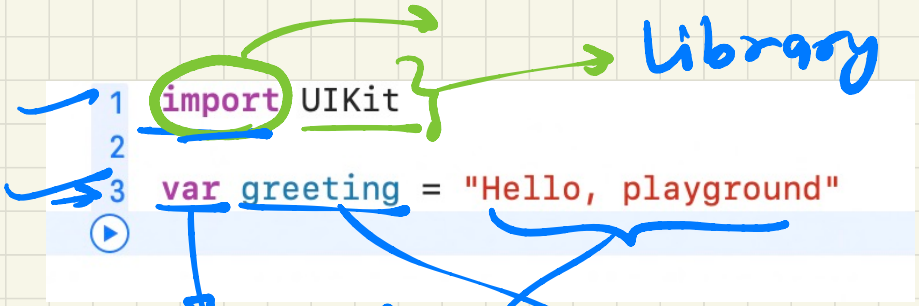
- Objective C
- C language

Modern

- WWDC

Safe

- Optionals



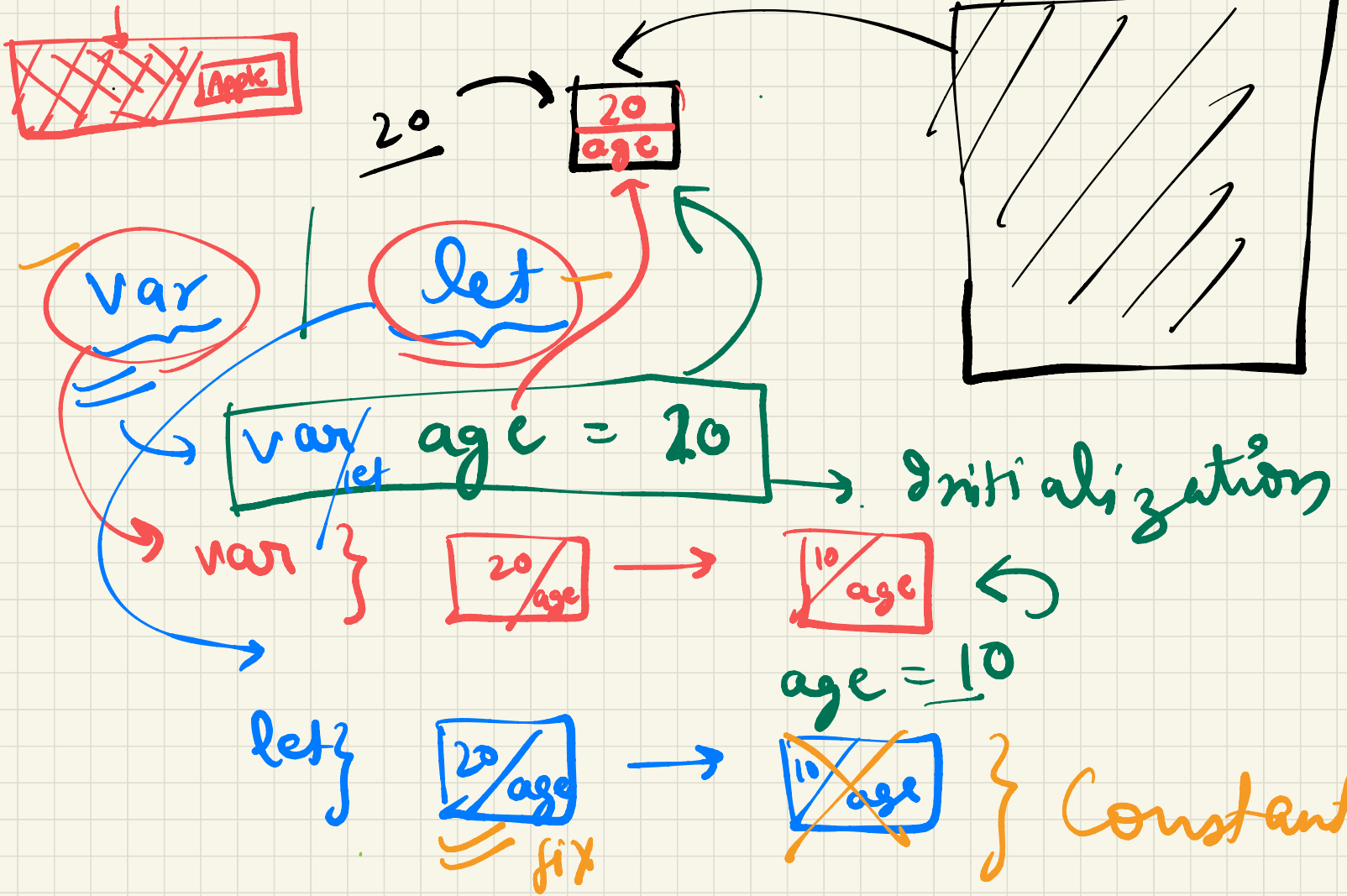
Library { Collection of files, programs, scripts, functions that can be used

Variable

name of variable

Value of variable

Variable / Constant


Apple
20
20
age
var
let
var / let age = 20
Initialization
var
20
age
10
age
age = 10
let
20
age
10
age
fix
Constant

Rules

Constant and variable names can't contain whitespace characters, mathematical symbols, arrows, private-use Unicode scalar values, or line- and box-drawing characters. Nor can they begin with a number, although numbers may be included elsewhere within the name.

var name1 = "Aditya"

(my_name) <- "myName"

Type Annotations

let name: String = "Adutya"

var age: Int = 10

Type Ann.

* Print Statement

Swift is a type-safe language, which means the language helps you to be clear about the types of values your code can work with. If part of your code requires a String, type safety prevents you from passing it an Int by mistake.