Variables in C / C++

Naming a Variable

01

02 Variable Definition
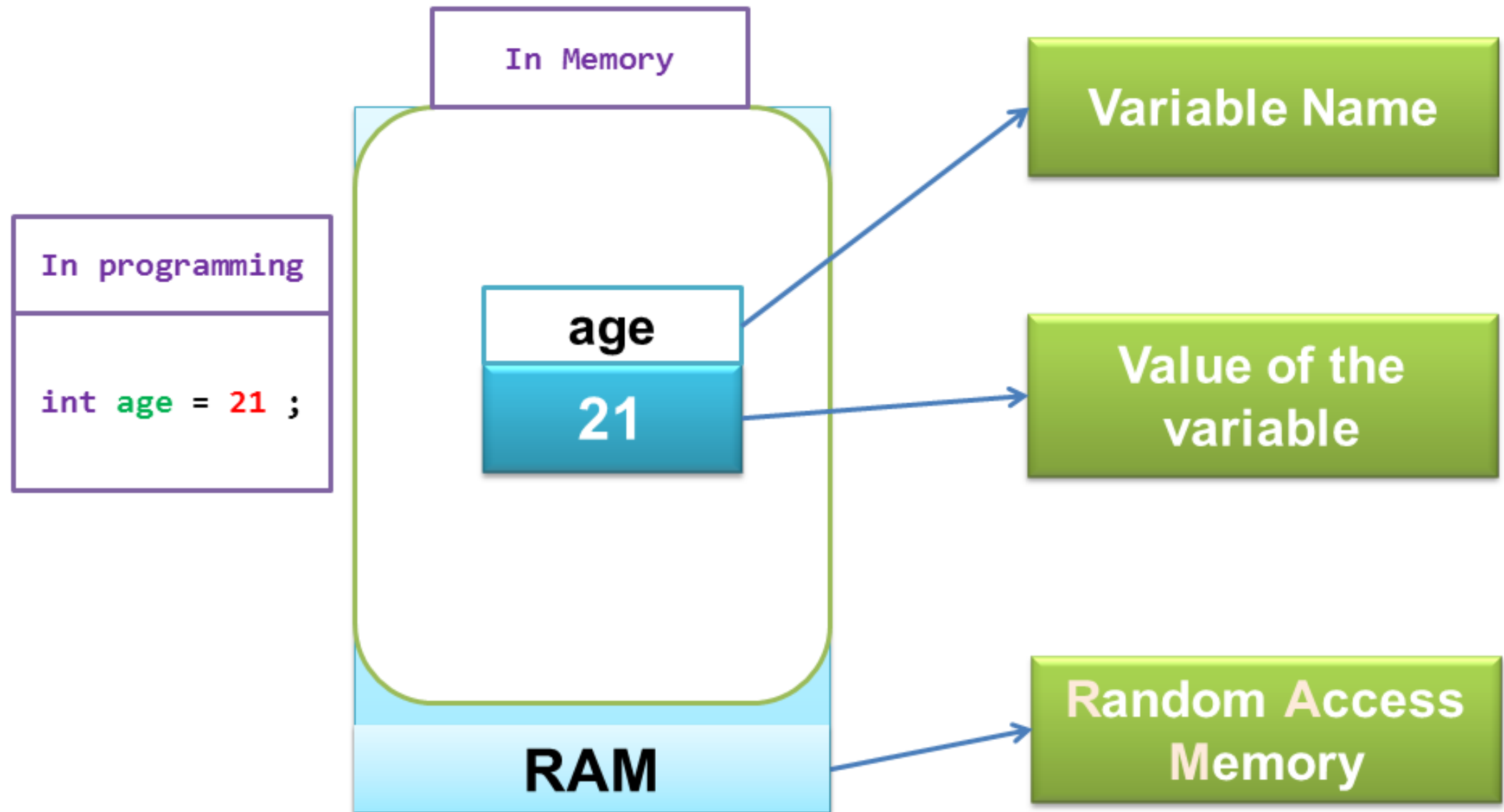
Variable Declaration
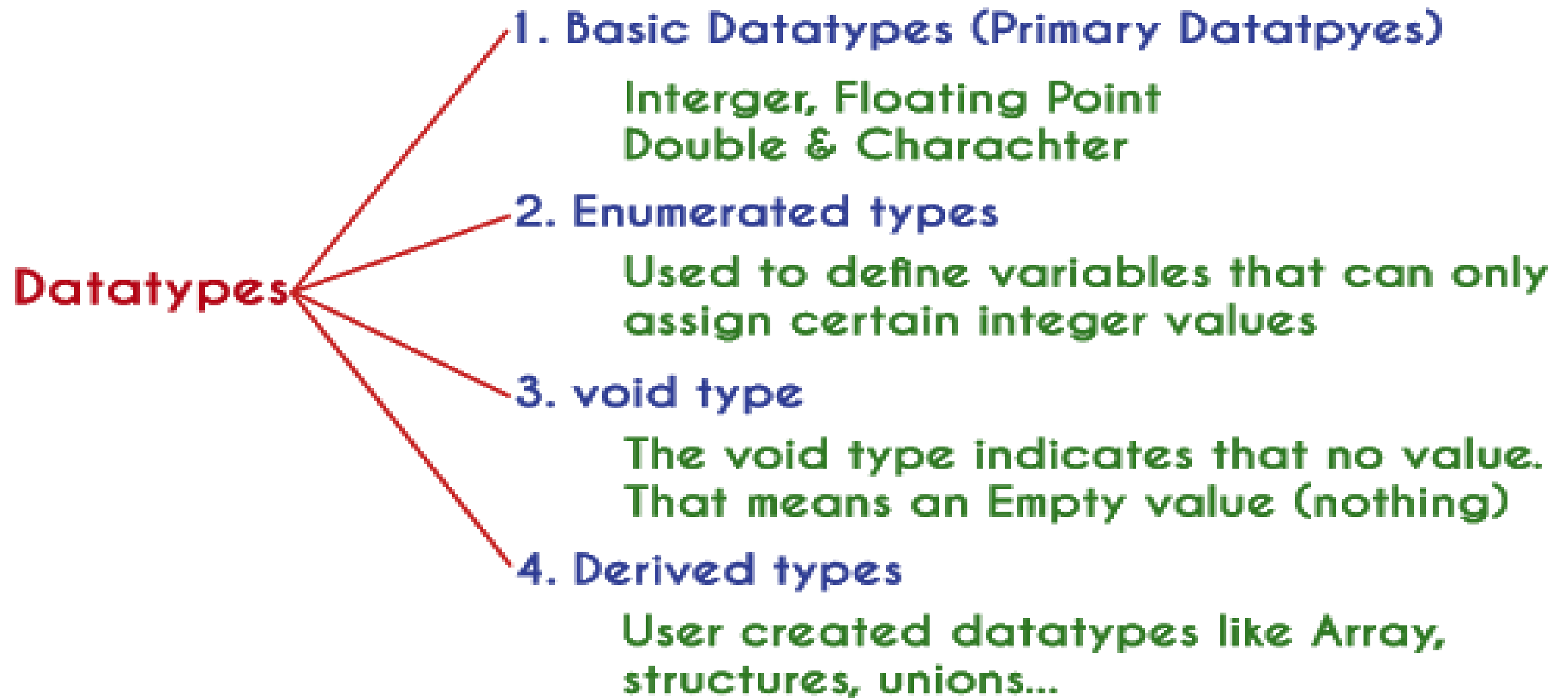
03

04 Variable Initialization

Types of Variables

05

Datatypes

1. Basic Datatypes (Primary Datatpyes)

Interger, Floating Point
Double & Charachter

2. Enumerated types

Used to define variables that can only
assign certain integer values

3. void type

The void type indicates that no value.
That means an Empty value (nothing)

4. Derived types

User created datatypes like Array,
structures, unions...

Basic Datatypes (Primary Datatpyes)

Interger

Signed
- int
- short int
- long int

Unsigned
- int
- short int
- long int

Floating Point
- float
- double
- long double

Character
- char
- signed char
- Unsigned Char