**GENERICS**

Generics are defined by parameter types

Classes, interfaces, methods and variables can be generic and have to be **reference types**

A generic type is a generic class or interface that is a parameterized over type

Benefits

* Stronger check at compile time
* Eliminates unnecessary classes
* Implement generic algorithms

**Syntax**

Class name<T1, T2, …Tn>{………} type follows class name

E - Element (used generally by java collections)

K -Key

N - Number

T - Type

V - Value

Generic method

Public static <E> void print(E[] list) {..}

Generic Interface

Public interface MyInterface <E> {…}

**Type Erasure**

Process of removing type information from generic code🡪 generic type