Object
Animal
Scal Dos

Object

Animal

public class Pizza

public

all packages

full access

class Pizza {

current
package

protected private

mediod Access

from the some class

lesson01

lesson02

> lesson03

> lesson04

lesson05

lesson06

model

R Person17

© Pizza

public class Pizza { class Pizza {

new Cat.

Free (cat, Done)

Extends
extends

private
publicated

protected

constructor

sound - Ammid 6

final class Cat

final public class Cat

public class MagaCat extends C

public class MegaCat extends Cat

Animal Birch

Result

Arimal sounds?

Dog Cat dog. sound ()

cat sound

Car deve ?? Baw Tesla

```
static class Animal{
  vid sound() {
    //?????
  }

static class Cat extends Animal{
    @Override
    void sound() {
        System.out.println("meow");
    }
}

static class Dog extends Animal{
    @Override
    void sound() {
        System.out.println("gav");
    }
}
```

```
static abstract class Animal{
   abstract void sound();
}
static class Cat extends Animal{
   @Override
   void sound() {
     System.out.println("meow");
   }
}
static class Dog extends Animal{
   @Override
   void sound() {
     System.out.println("gav");
   }
}
```

```
Animal a = new Animal();
```

```
Animal a = new Animal() {
   @Override
   void sound() {
      System.out.println("a-ha");
   }
};
```

Arvind
Cat Dog

Car Snart Phone
Bull Mazda Tesla Person Computer

Tesla extends Cas Smart

out ONE class ou be extended

insterface

[Abstract] class
hostialds
extend ONLY ONE

(15) E

Interface has ho fields implement MARY tras mas

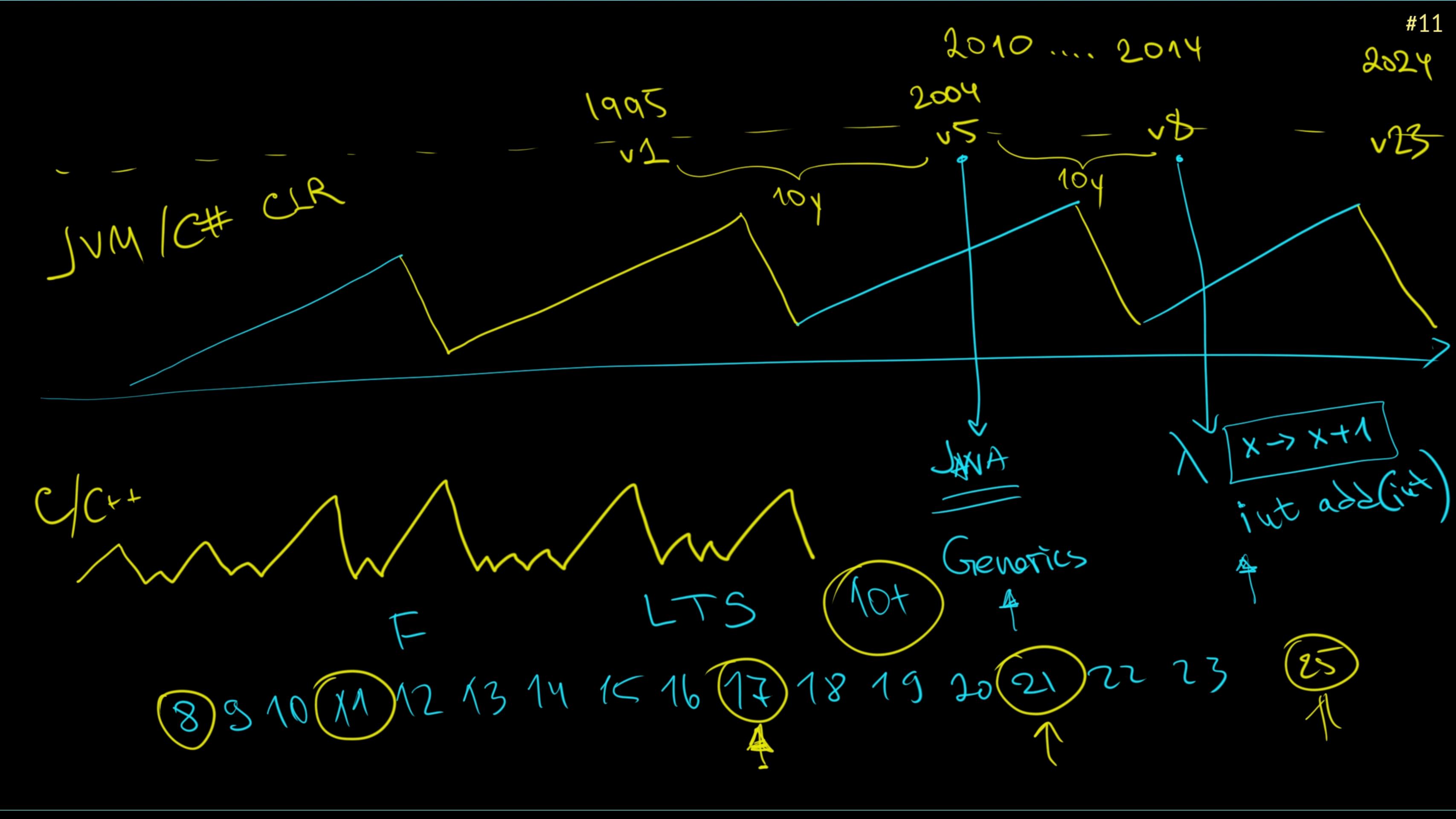
```
static class BoxInt {
  generics
                                               public BoxInt(int x) {
 static class Box<A> {
                                                 this.x = x;
                            coapile
   A x;
             Integer
   public Box(A x) {
     this.x = x;
                              2
                                             static class BoxDouble {
                                               double x;
                                               public BoxDouble(double x) { this.x = x; }
Box<Integer> box1 = new Box<Integer>(x:1);
Box<Pizza> box2 = new Box<Pizza>(new Pizza(name: "Margarita"));
                  new Box<Integer>(x:"1");
```

```
BoxCA7
static class Box<A> {
                                                                (A) -> Box A
  public Box(A)x) {
    this.x = x;
Box<Integer> box1 = new Box<Integer>(x:1);
                (5)
Box<Integer> box1b = new Box<>(x:1);
                                            Box<Integer> box1b = new Box<>(x:1);
                    new Box<>(x:1);
```

p int Integer Short Short 1 Byte Don Character char boole an tolse bool 8.9 flood 2.0 Aouble Double default

claes Car in = 5 Heal int 1:-> 1333 SUDJJ Z 1 Leger +=10 Introper 10

#10 Judger K= No Dad a Have Docha (X) xx [0]=111 fluid lute 1



S=Switch (x) 9
case 1: => "ome"

break;

(2) recovol Person (Stong nan, Jut age) (1)

3 String S= [11] 11]

1 "y": 1

1 "y": 1

1 "y": 1

1 "y": 1