# **How to Declare and Use Variables**

**There are two different types of variables:**

1. Var - Value of this variable can be changed even after declaring and assigning value to it
2. Val - Value of this variable is constant once it is assigned while declaring

**Type Inference:**

Scala can predict the datatype of a variable based on the value assigning to it, hence it follows type inference

**Samples:**

scala> var x = 20

x: Int = 20

scala> x=30

x: Int = 30

**Note: Value of x can be changed since var is mutable (Changeable)**

scala> val y=20

y: Int = 20

scala> y=40

<console>:12: error: reassignment to val

y=40

^

**Note: Value of y cannot be changed since val is immutable (Not Changeable)**