**Typecasting, null safety and non-null assertion**

**YouTube link:**

<https://www.youtube.com/watch?v=oQxsTfT0fSw>

**Typecast:** It means you can change data type of one variable to another type.

**Example 1:**

**var** v1: String = **"123"** *// this is string***var** v2: Int = v1.*toInt*()  
  
  
*println*(v1 + 2) *// 1234 is the result  
println*(v2 + 2) *// 125 is the result*

**Example 2:**

**var** v1: Float = 121.21f *// this is float***var** v2: Int = v1.toInt()  
  
  
*println*(v1) *// this will print 121.21  
println*(v2) *// this will print 121*

**Example 3:**

*// we can not assign null value directly  
// this question mark help us to assign null value as well***var** name:String? = **null***println*(name)

**Example 4:**

*// non-null assertion (!!)  
// these two exclamation marks says you must assign value except null otherwise it will through null pointer exception***var** name:String? = **"Muhammad"***println*(name!!)