***lateinit***

1. lateinit is only used with mutable datatypes (i.e var)
2. lateinit is used with non-nullable data types.
3. lateinit values must be initialized before using it.

1. lateinit modifier demo code.

lateinit var *userName*:String  
fun main() {  
 *userName*="Vinay T Shetty"  
 *println*("${*userName*}")  
}

2.lateinit modifier is allowed only for mutable properties. (i.e var)

lateinit val *userName*:String  
fun main() {  
 *println*("${*userName*}")  
}  
/\*  
Output  
'lateinit' modifier is allowed only on mutable properties  
\*/

3.lateinit modifier cannot be used with nullable values.

lateinit var *userName*: String? = null  
fun main() {  
}  
/\*  
Output  
'lateinit' modifier is not allowed on properties of nullable types  
\*/

4.lateinit modifier must be intialized before using it.

lateinit var *userName*: String  
fun main() {  
 *println*(*userName*)  
 *userName*="Vinay T Shetty"  
}  
/\*  
OutPut  
Exception in thread "main" kotlin.UninitializedPropertyAccessException: lateinit property userName has not been initialized  
at MainKt.getUserName(main.kt:1)  
at MainKt.main(main.kt:3)  
at MainKt.main(main.kt)   
\*/