Listing 1: Simple code listing.

```
1  // this is a simple code listing:
2  println("hello kotlin from latex")
```

Listing 2: Example kotlin code.

```
1  /* Block comment */
2  package hello
3  import kotlin.collections.* // line comment
4
5  /**
6   * Doc comment here for 'SomeClass'
7   * @see Iterator#next()
8   */
9  @Deprecated("Deprecated class")
10 private class MyClass<out T : Iterable<T>>(var prop1 : Int) {
11     fun foo(nullable : String?, r : Runnable, f : () -> Int,
12         fl : FunctionLike, dyn: dynamic) {
13         println("length\nis ${nullable?.length} \e")
14         val ints = java.util.ArrayList<Int?>(2)
15         ints[0] = 102 + f() + fl()
16         val myFun = { -> "" };
17         var ref = ints.size
18         ints.lastIndex + globalCounter
19         ints.forEach lit@ {
20             if (it == null) return@lit
21             println(it + ref)
22         }
23         dyn.dynamicCall()
24         dyn.dynamicProp = 5
25     }
26
27     val test = """hello
28                     world
29                     kotlin"""
30
31     override fun hashCode(): Int {
32         return super.hashCode() * 31
33     }
34 }
35
36 fun Int?.bar() {
37     if (this != null) {
38         println(message = toString())
39     }
40     else {
41         println(this.toString())
42     }
43 }
44
45 var globalCounter : Int = 5
46     get = field
47
48 abstract class Abstract {
49 }
50
51 object Obj
52
53 enum class E { A, B }
54
55 interface FunctionLike {
56     operator fun invoke() = 1
57 }
```