

1. In the following Kotlin code `td` - is a) function declaration; b) function invocation; c) special built-in syntactic construct?

```
tr {  
    td {  
        text("Product")  
    }  
    td {  
        text("Popularity")  
    }  
}
```

2. In the following Kotlin code `color` - is a) new variable declaration; b) argument name; c) argument value?

```
tr (color = "yellow") {  
    td {  
        text("Product")  
    }  
    td {  
        text("Popularity")  
    }  
}
```

3. How many arguments does the function `alert` take? _____
How many lambdas are declared below? _____

```
alert(title = "Are you sure?",  
      message = "Are you really sure?") {  
    positiveButton("Yes") { /* process */ }  
    negativeButton("No") { }  
}.show()
```

Are you sure?	
Are you really sure?	
No	Yes

4. Implement the function `apply`. It should call an argument of a functional type on the receiver, and return the receiver as a result.

```
public inline fun <T> T.apply(block: T.() -> Unit): T {  
    _____  
    _____  
}
```

The example of the `apply` usage:

```
val sb = StringBuilder().apply {  
    for (i in 0..9) {  
        append(i)  
    }  
}  
println(sb) // 0123456789
```