

### 1. Triple:

- Kotlin's 'Triple' is a convenient data structure that allows you to store three values together as a single object.
- Example: `val triple = Triple("A", 1, 3.14)`
- It provides `component1()`, `component2()`, and `component3()` functions for accessing its elements.

### 2. Inline Function:

- An inline function in Kotlin is a function that gets "inlined" at the call site, reducing the overhead of function calls.
- Useful for higher-order functions to avoid runtime overhead.

### 3. Object Overloading:

- However, you can achieve similar behavior using named and default arguments in functions.
- This allows you to define multiple functions with the same name but different parameters or default values.
- Example:

```
fun greet(name: String) {  
    println("Hello, $name!")  
}  
  
fun greet(name: String, age: Int) {  
    println("Hello, $name! You are $age years old.")  
}
```

### 4. Destructuring Objects:

- Kotlin supports destructuring declarations, which allow you to break an object into its component parts and assign them to variables in a single line.
- This works for data classes, arrays, collections, and more.
- Example:

```
data class Person(val name: String, val age: Int)  
  
val person = Person("Aljay", 30)  
val (name, age) = person
```

### 5. Regex :

- Kotlin provides native support for regular expressions through its 'Regex' class.
- You can create regex patterns, match them against strings, extract substrings, and replace parts of strings.
- Example:

```
val regex = Regex("[a-zA-Z]+")  
val matchResult = regex.find("Hello, Kotlin!")  
matchResult?.value // Returns "Hello"
```