Resumen de diferentes maneras de recorrer un array de una o varias dimensiones:

```
val array=IntArray(5){7}
```

1. `for (i in 0..array.size-1) print ("$i ----> ${array[i]},")`
2. `for (i in array.indices) print ("$i ----> ${array[i]},")`
3. `for (i in 0 until array.size) print ("$i ----> ${array[i]},")`
4. `for ((i, dato) in array.withIndex()) print ("$i ----> ${dato},")`
5. `for (i in array) print (i)`

Declarar y recorrer arrays multidimensionales

```
val tabla=Array(3){
          Array(3){
              IntArray(3){1}
           }
         }

tabla[1][1][1]=5
```

Recorridos con indices

```
for(i in 0 until tabla.size){
    for (j in 0..tabla[i].size-1){
        for (k in tabla[j].indices) {
            print("${tabla[i][j][k]}")
        }
    }
    println()
}
```

Recorridos con datos:

```
for(X in tabla){
    for (Y  in X){
        for((index, dato) in Y.withIndex())
        print("$index--$dato")
    }
    println()
}
```