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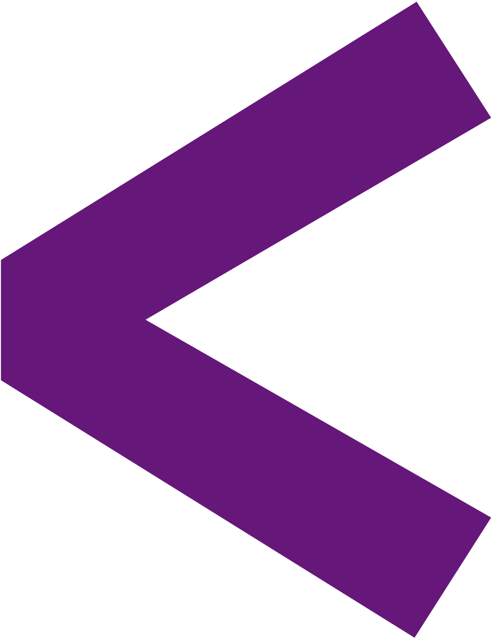

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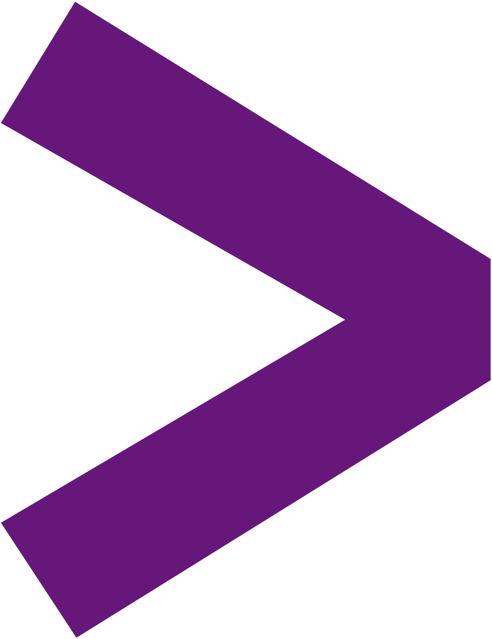

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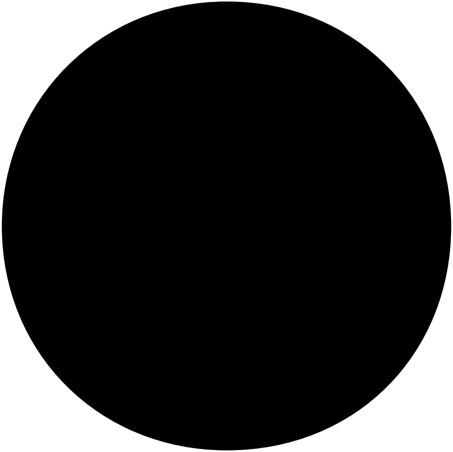

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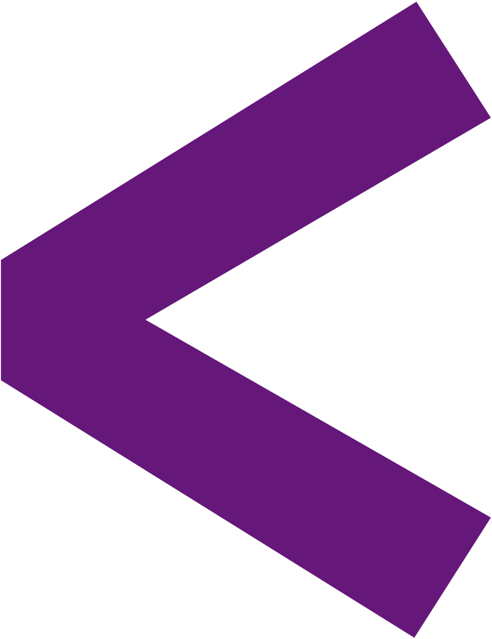

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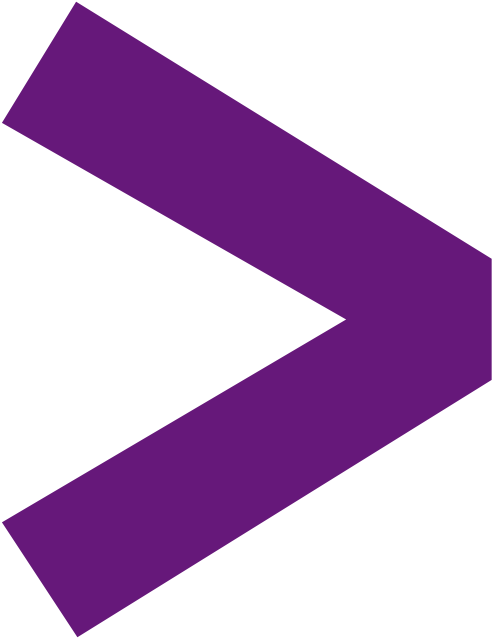

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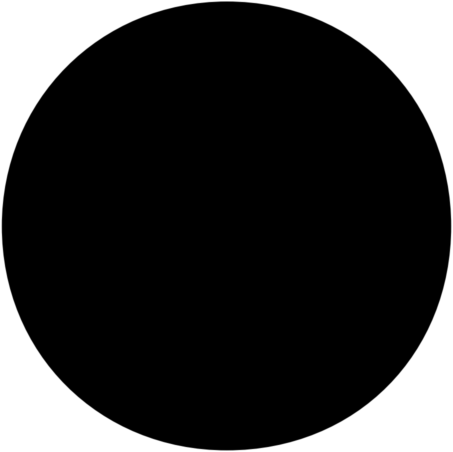

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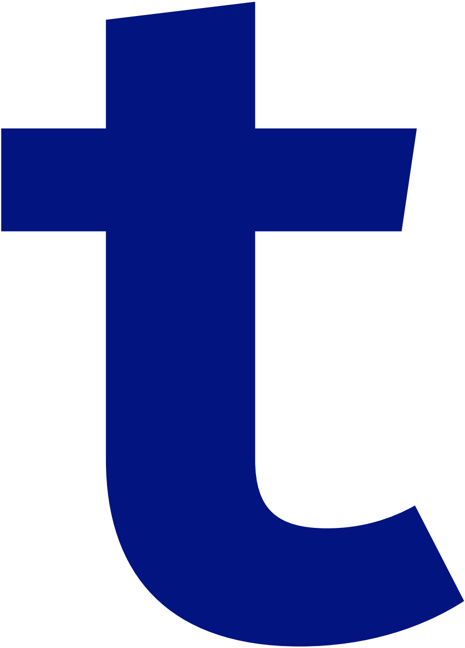
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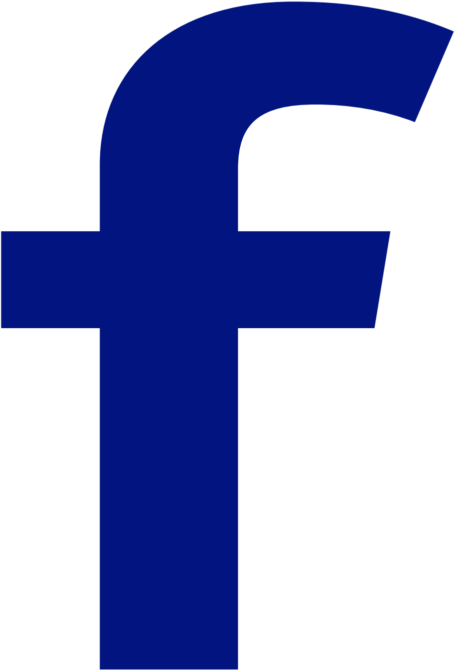

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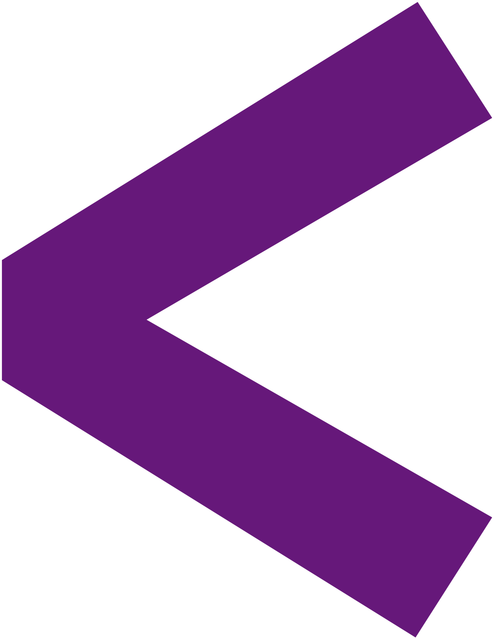

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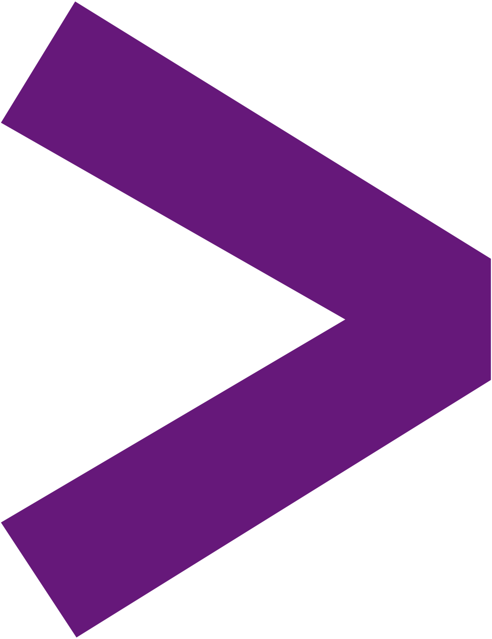
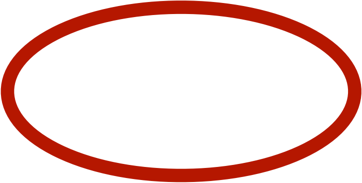
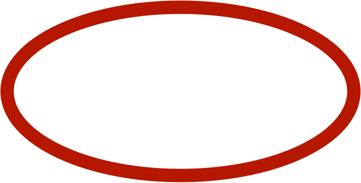


A function that takes a `Number` were a function that takes in `Int` is expected

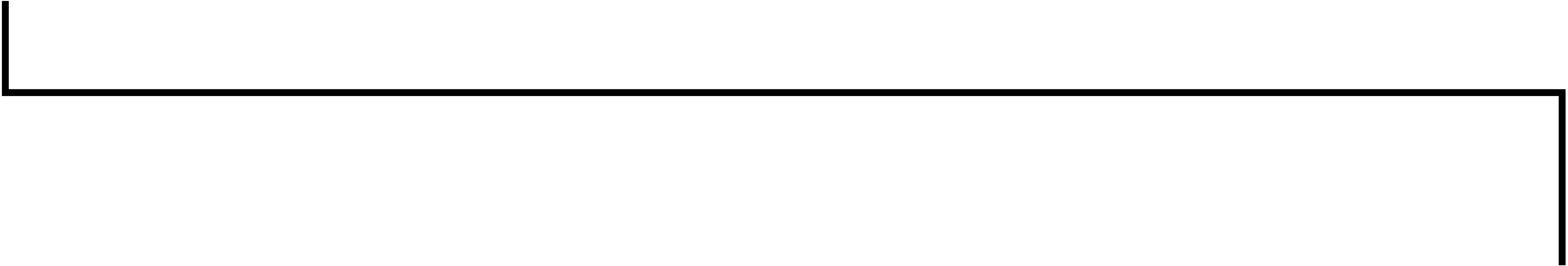
`List<Double>` is assigned to a `List<Number>` typed variable

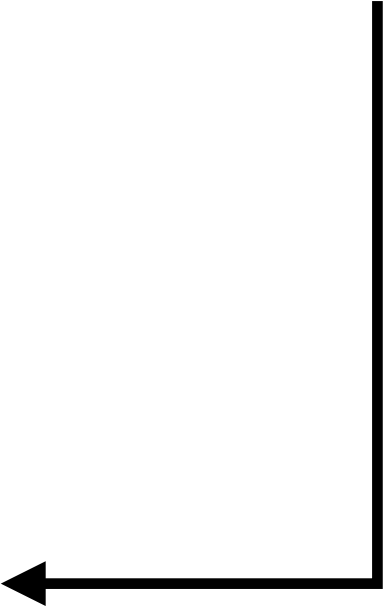




contravariance

covariance





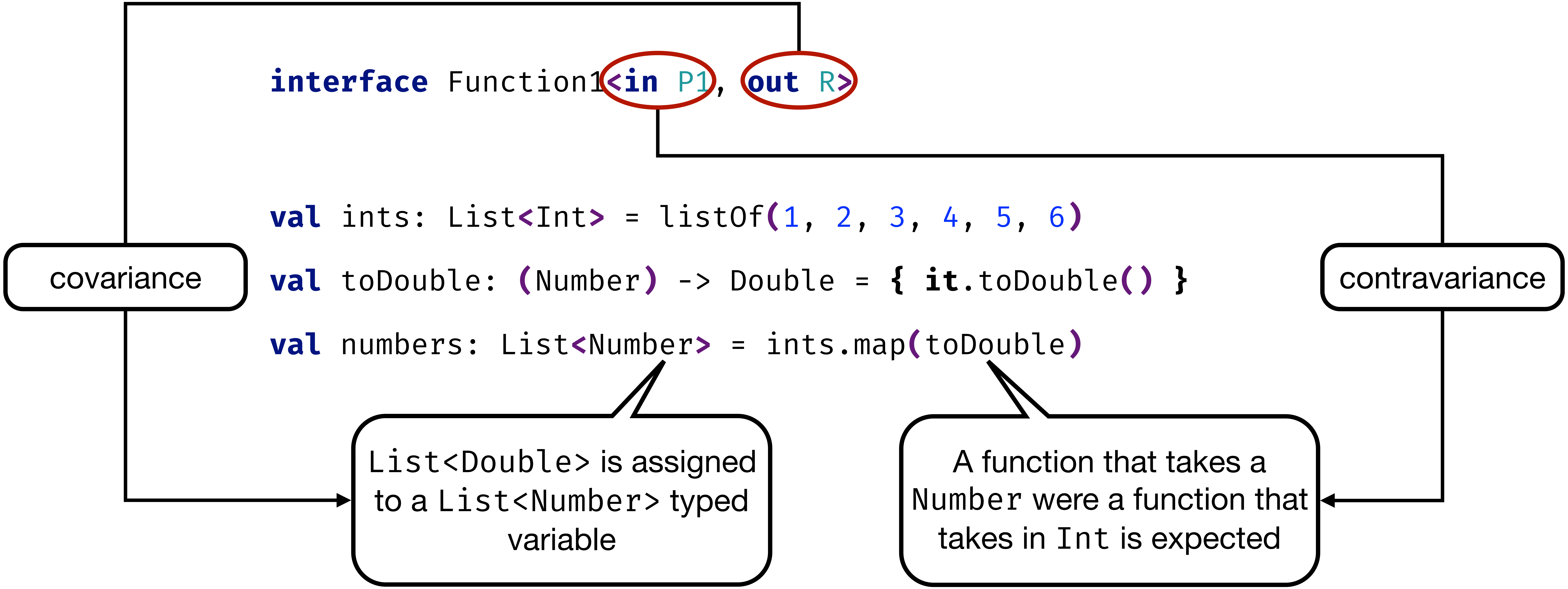
```kotlin
val ints: List<Int> = listOf(1, 2, 3, 4, 5, 6)

val toDouble: (Number) -> Double = { it.toDouble() }

val numbers: List<Number> = ints.map(toDouble)
```

```
interface Function1<in P1, out R>
```

Generics



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covariance

contravariance

List<Double> is assigned to a List<Number> typed variable

A function that takes a Number were a function that takes in Int is expected