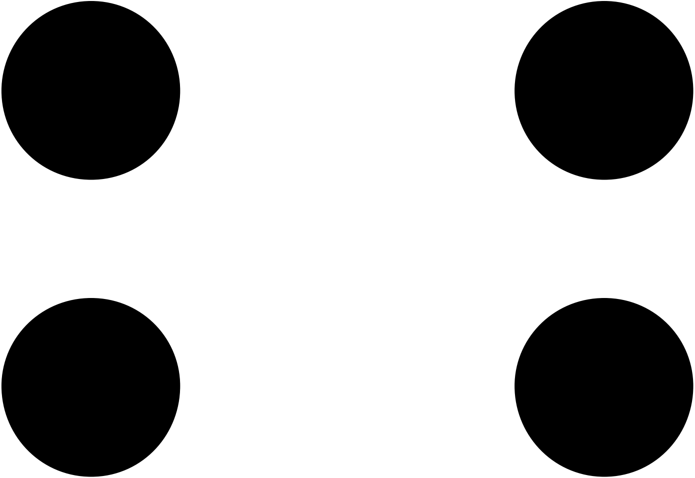
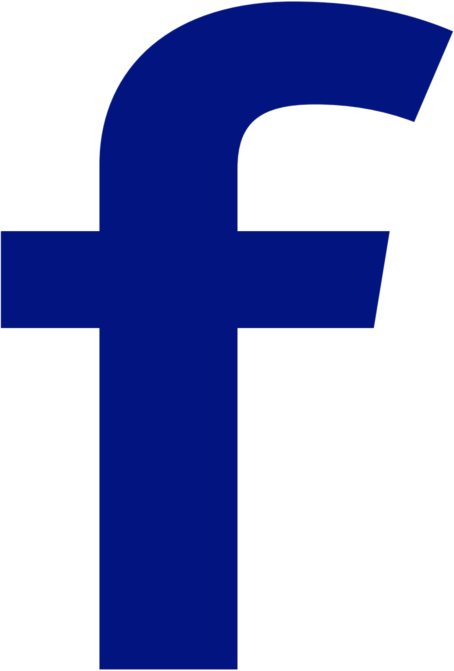
# Function references





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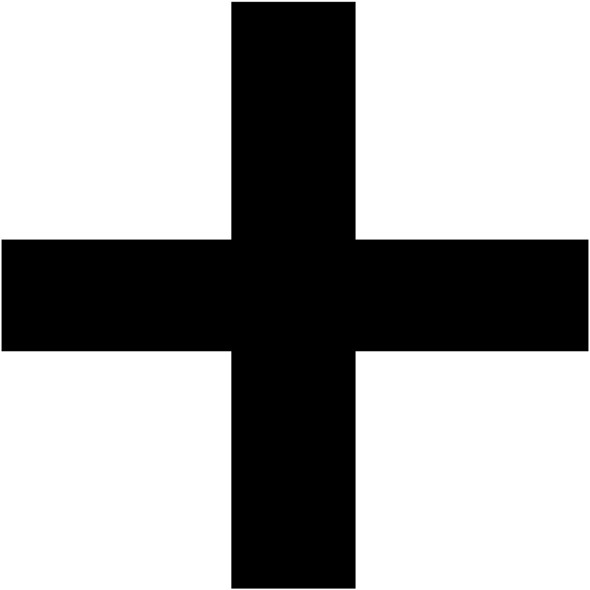

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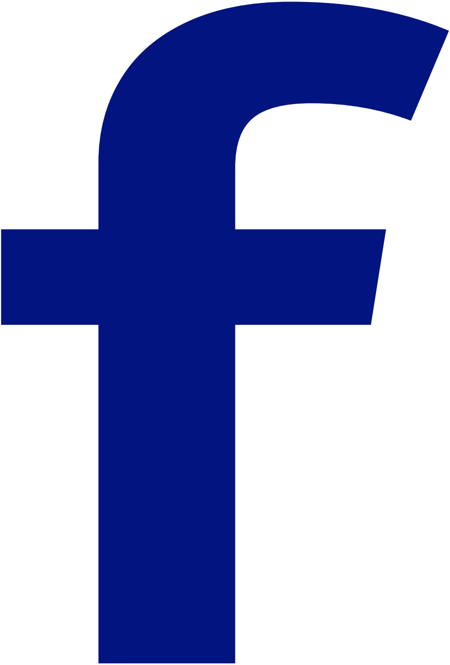

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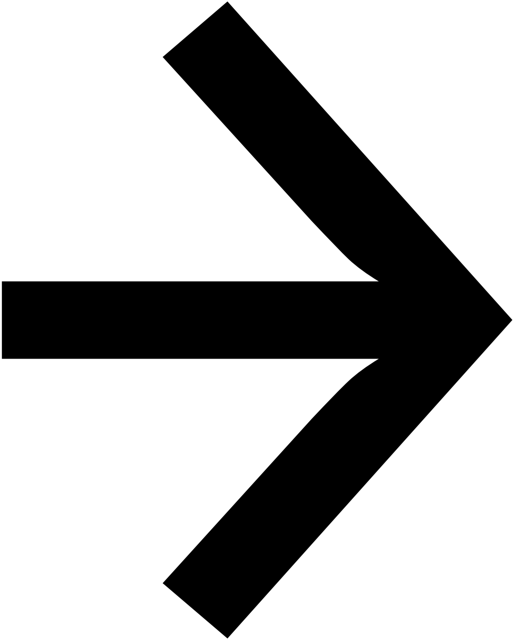

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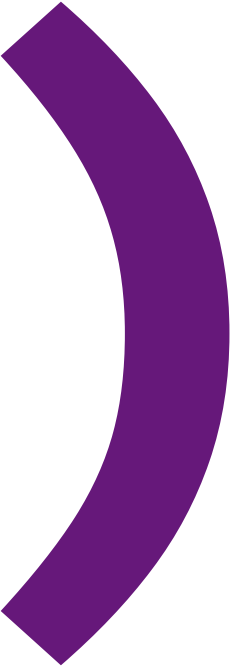

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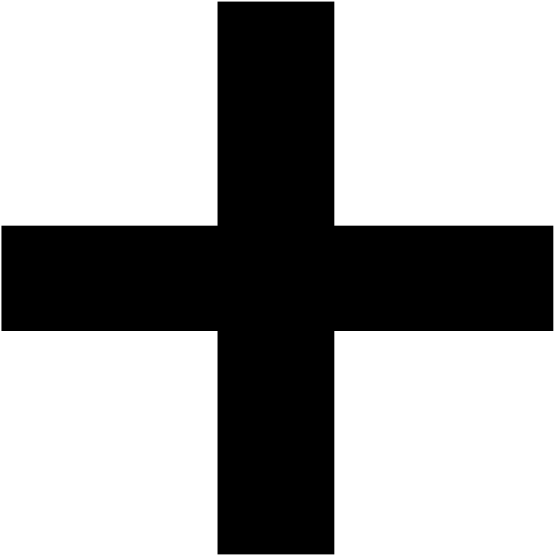

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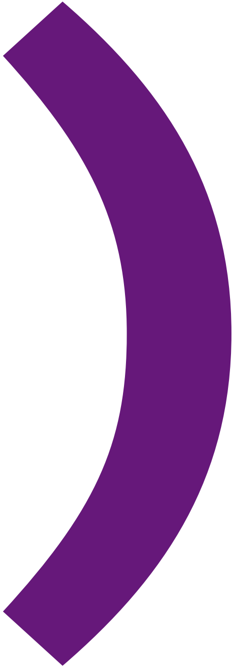

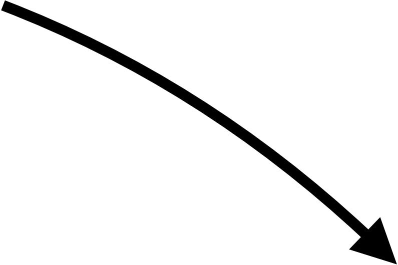

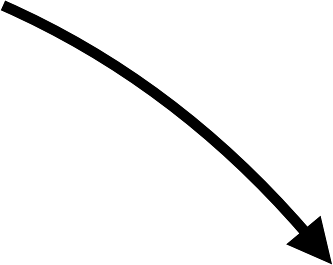

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reuse another function

the lambda is just a proxy to another function

```kotlin
fun applyTwice(i: Int, f: (Int) -> Int): Int
```

```
applyTwice(2) { it + 2 }
```

```
fun addTwo(i: Int): Int = i + 2
```

```
applyTwice(2) { addTwo(it) }
applyTwice(2, ::addTwo)
applyTwice(2, Int::dec)
```

# Function references

::

```
fun applyTwice(i: Int, f: (Int) → Int): Int
fun addTwo(i: Int): Int = i + 2
```

```
applyTwice(2) { it + 2 }
```

reuse another function

```
applyTwice(2) { addTwo(it) }
```

the lambda is just a proxy to another function

```
applyTwice(2, ::addTwo) 6
applyTwice(2, Int::dec) 0
```

# Functional literal with receiver

## special form of functional literals