

# Type Aliases

Type aliases define an <sup>대안</sup> alternative name for an existing type. You define type aliases with the `typealias` keyword.

Type aliases are useful when you want to refer to an existing type by a name that's contextually more appropriate, such as when working with data of a specific size from an external source:

```
typealias AudioSample = UInt16
```

Once you define a type alias, you can use the alias anywhere you might use the original name:

```
1 var maxAmplitudeFound = AudioSample.min
2 // maxAmplitudeFound is now 0
```

Here, `AudioSample` is defined as an alias for `UInt16`. Because it's an alias, the call to `AudioSample.min` actually calls `UInt16.min`, which provides an initial value of 0 for the `maxAmplitudeFound` variable.