

Dictionaries - Another Collection Type

A dictionary is a Key:Value pair. It is a great way of looking up a specific item without having to traverse the entire data structure as we would have to do in an array. There are times when Dictionaries are very useful.

```
var name_of_integers = [Int : String]()
name_of_integers[1] = "One"
name_of_integers[10] = "Ten"
name_of_integers[20] = "Twenty"

var airports = [String: String]()

airports["YYZ"] = "Toronto Pearson Intl. Airport"
airports["JFK"] = "John F Kennedy Intl. Airport"

print("The airports dictionary contains \$(airports.count) items")

for (airportCode, airportName) in airports {
    print("\$(airportCode): \$(airportName)")
}

for airportName in airports.values {
    print("Airport name: \$(airportName)")
}
```