Networking with NSURLSession

Hands-on Challenges

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Challenge 1: Customizing the Cache

You've seen how to customize settings on the NSURLSessionConfiguration before creating an NSURLSession.

In this short challenge, you'll customize the URLCache property with your own cache values.

That's enough of a hint. Give it a try and read on for the solution.

NSURLCache

In the playground, right below this line:

```
configuration.allowsCellularAccess = false
```

Add the following two lines:

```
configuration.URLCache?.diskCapacity
configuration.URLCache?.memoryCapacity
```

Run the playground and you'll see that the default cache has a disk capacity of 10 million bytes and a memory capacity of 512 thousand bytes.

configuration.URLCache?.diskCapacity	10000000
configuration.URLCache?.memoryCapacity	512000

You can create a cache with whatever sizes fit your needs, but for this example, you'll keep the default size of the memory cache and reduce the size of the disk cache to 2 million bytes. Right below the lines you just added, add these:

```
let smallCache = NSURLCache(memoryCapacity: 512000,
                            diskCapacity: 2000000, diskPath: nil)
configuration.URLCache = smallCache
configuration.URLCache?.diskCapacity
configuration.URLCache?.memoryCapacity
```

The first two lines create a new cache and assign it to the NSURLSessionConfiguration, and the second two are just there for the playground to show that it worked!