

Hello World Swift app

- Set up command line environment
 - Xcode Playgrounds
 - swift from the command line
 - Basic swift command
 - `print("Hello, world!")`
-

Hello World Swift app

User\$ swift package init

Creating library package: HelloWorld

Creating Package.swift

Creating .gitignore

Creating Sources/

Creating Sources/HelloWorld.swift

Creating Tests/

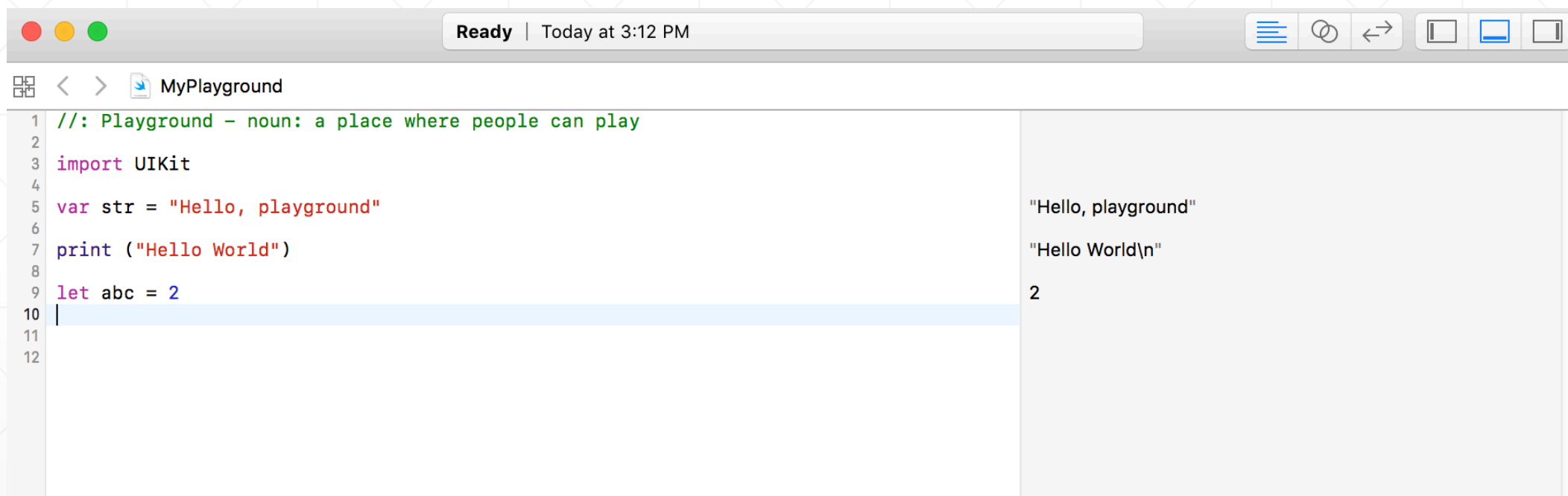
Creating Tests/LinuxMain.swift

Creating Tests/HelloWorldTests/

Creating Tests/HelloWorldTests/HelloWorldTests.swift

User\$ swift test

Xcode Playground



Xcode Playground - Basic tour

A Swift Tour

Tradition suggests that the first program in a new language should print the words “Hello, world!” on the screen. In Swift, this can be done in a single line:

```
5 print("Hello, world!")  
6  
7
```

```
"Hello, world!\n"
```

If you have written code in C or Objective-C, this syntax looks familiar to you—in Swift, this line of code is a complete program. You don’t need to import a separate library for functionality like input/output or string handling. Code written at global scope is used as the entry point for the program, so you don’t need a `main()` function. You also don’t need to write semicolons at the end of every statement.