GETTING STARTED ON MAC OSX

App Store Edit Store Window Help

100% Wed 12:16 AM

Featured Top Charts Categories Purchased Updates Search

Xcode

Create great apps
for Mac, iPhone, and iPad.

Install

Install Xcode from the App Store.

Xcode 4+

Essentials

Xcode includes everything developers need to create great applications for Mac, iPhone, iPad, Apple TV, and Apple Watch. Xcode provides developers a unified workflow for user interface design, coding, testing, and debugging. The Xcode IDE combined with the Swift programming language make developing apps easier and more fun than ever before.

...

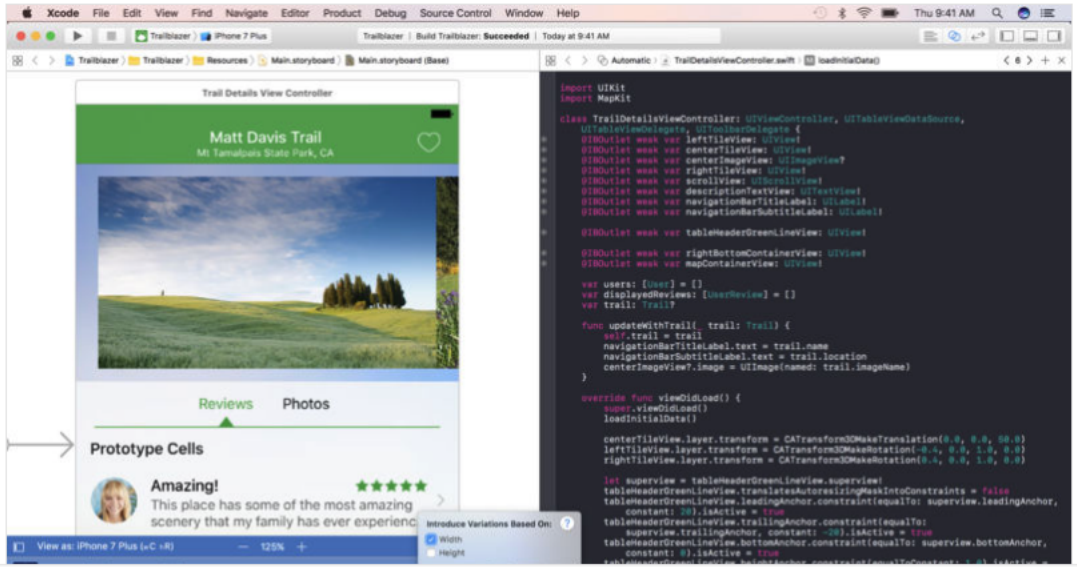
...More

What's New in Version 8.3.3

Xcode 8.3.3 includes Swift 3.1 and SDKs for iOS 10.3, watchOS 3.2, tvOS 10.2, and macOS Sierra 10.12

...

...More



Apple Web Site

Xcode Support

App License Agreement

Privacy Policy

Information

Category: Developer Tools
Updated: Jun 05, 2017
Version: 8.3.3
Price: Free
Size: 4.54 GB
Family Sharing: Yes
Language: English
Seller: Apple Inc.
© 1999–2017 Apple Inc.

Rated 4+
Compatibility:
macOS 10.12 or later

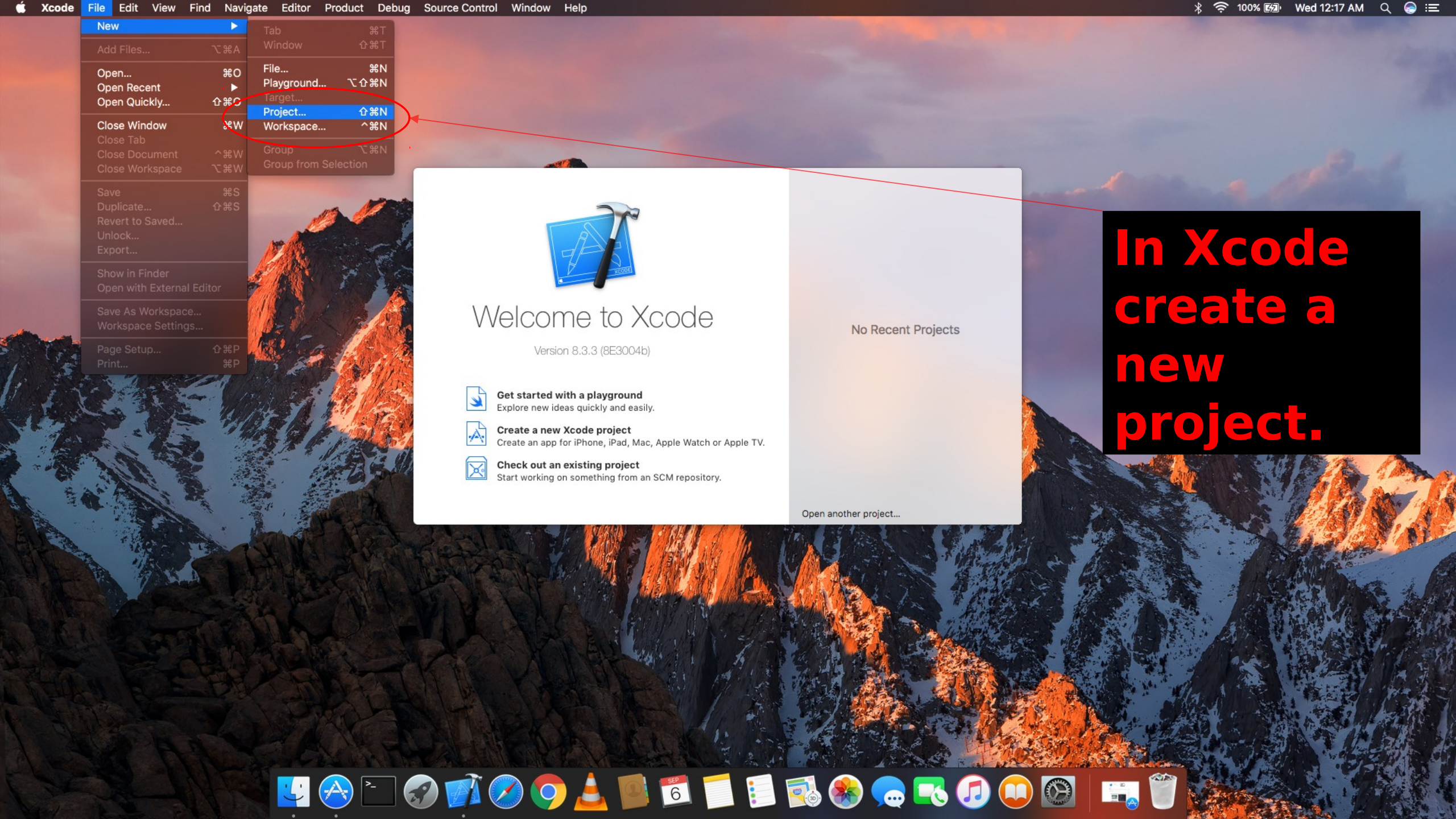
More by Apple

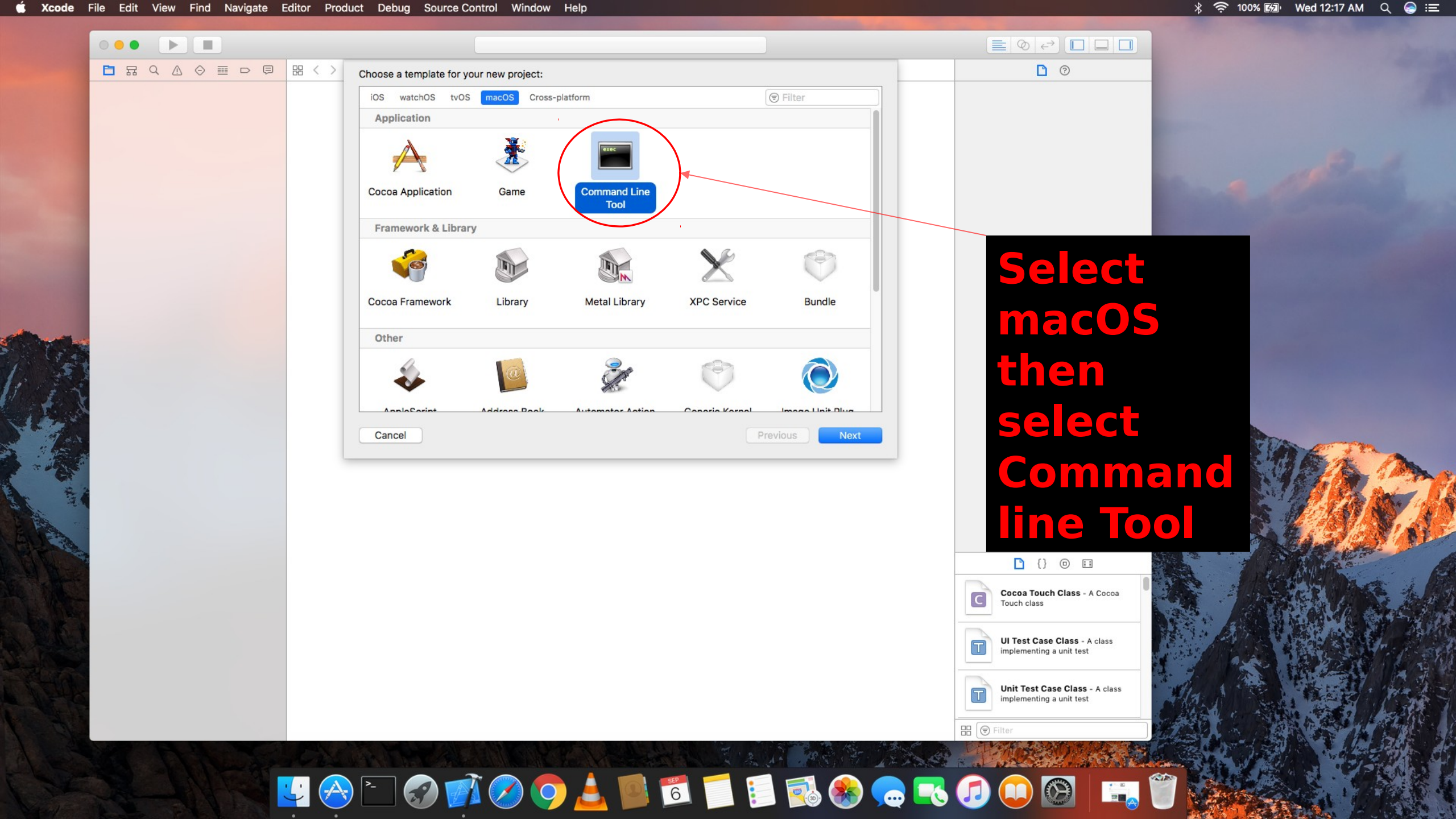
Final Cut Pro
Video

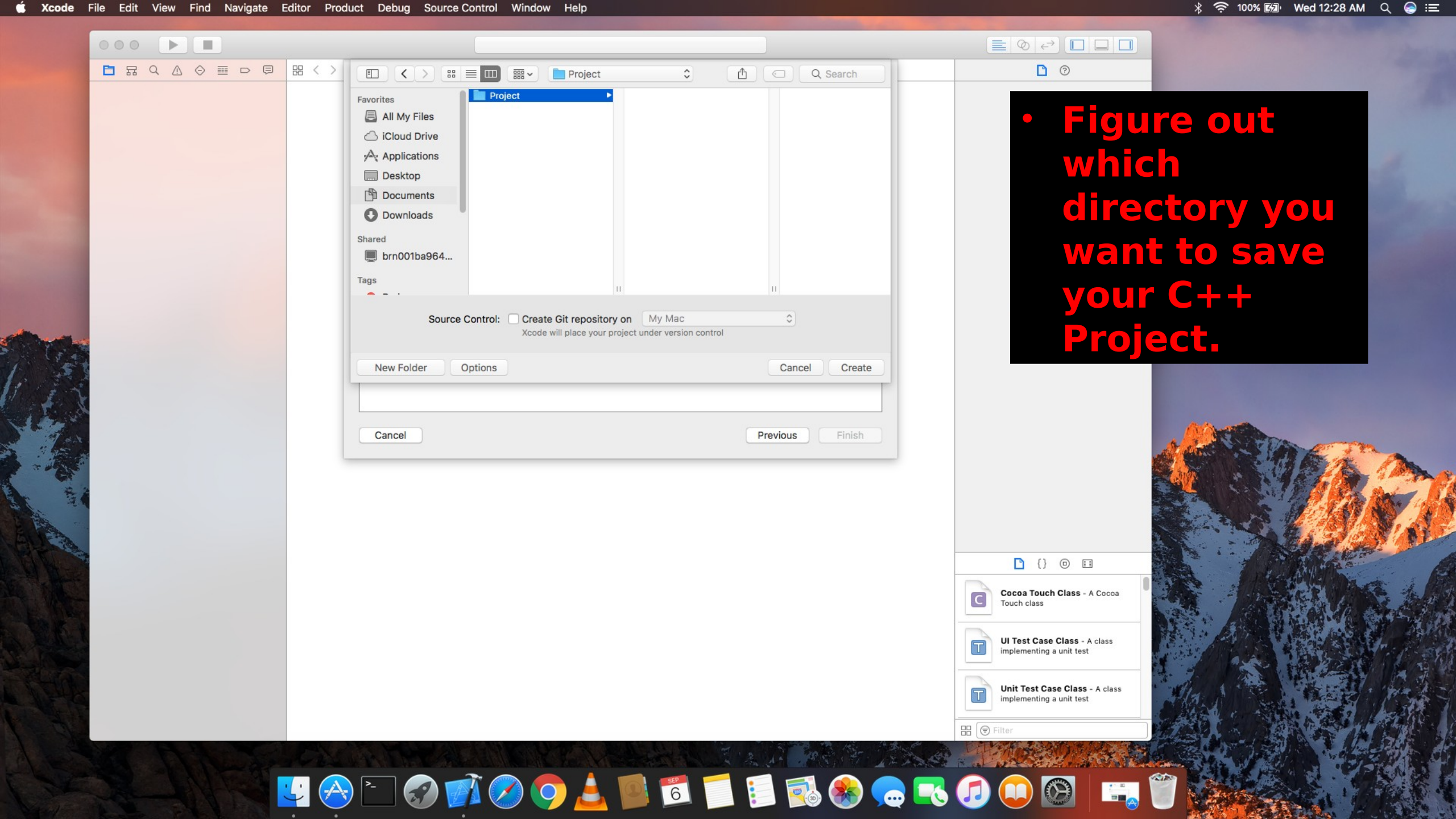
Logic Pro X
Music

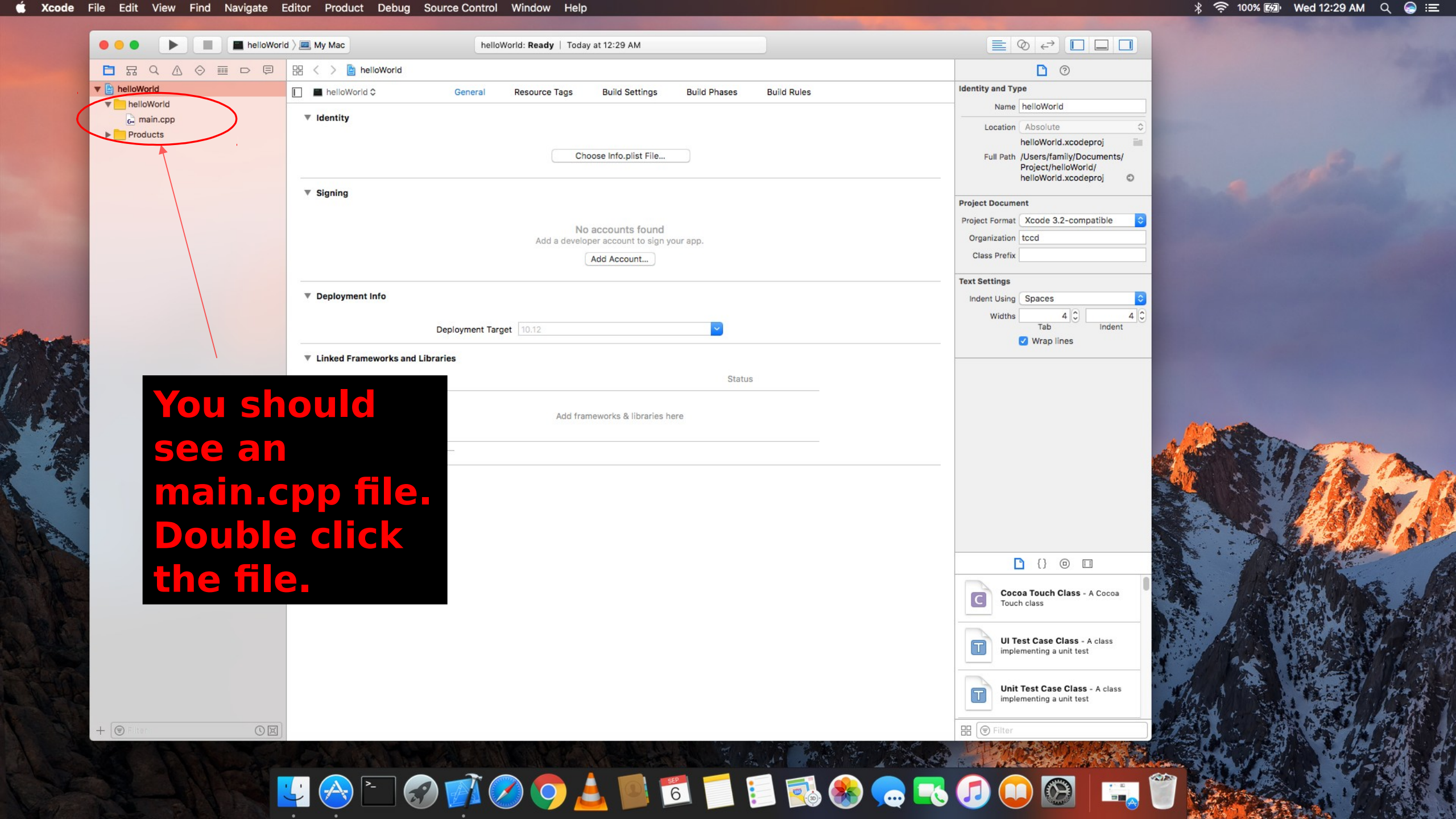
MainStage 3
Music

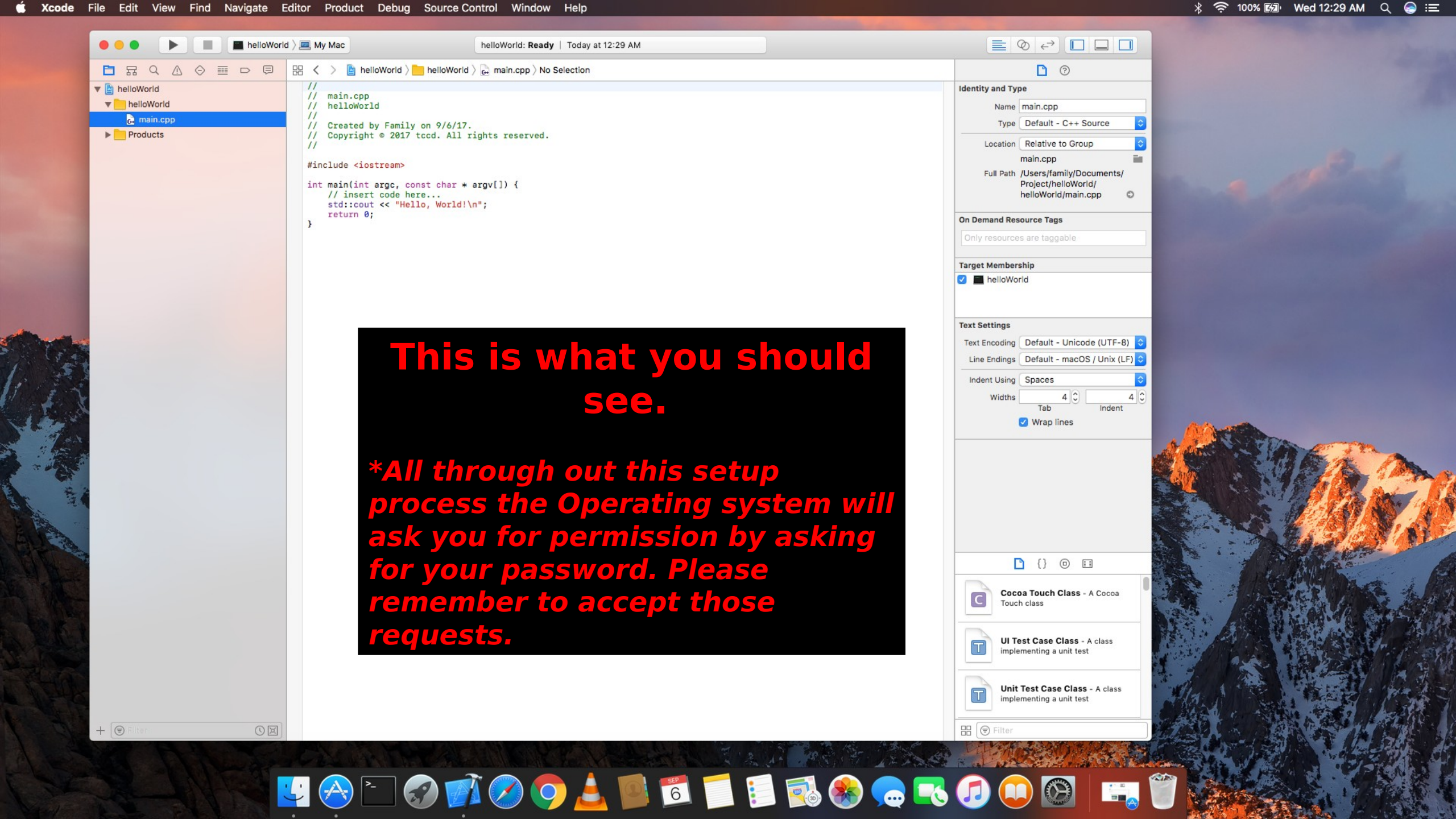
Motion
Video

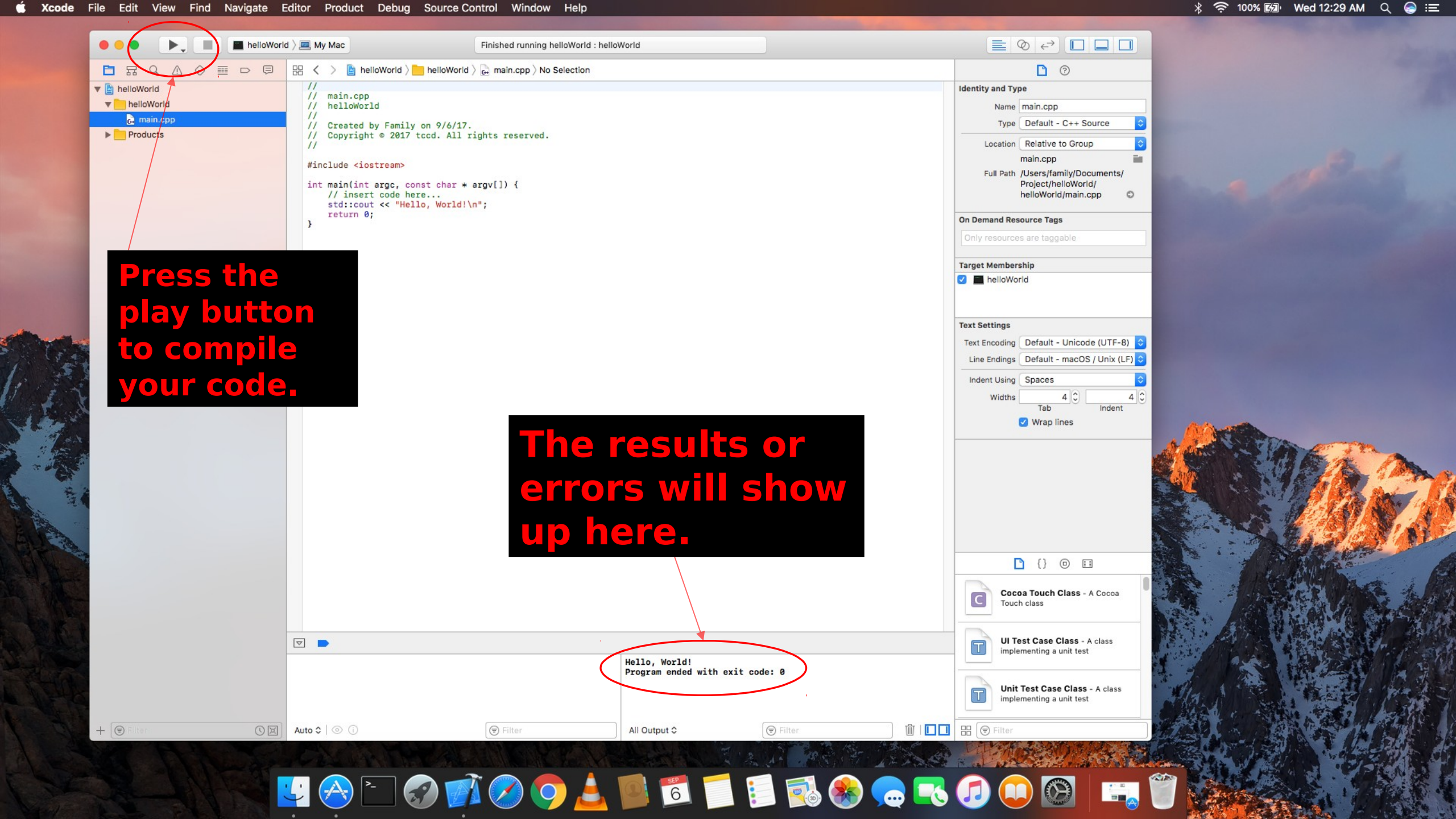

Xcode File Edit View Find Navigate Editor Product Debug Source Control Window Help
100% Wed 12:17 AM
New
Add Files... ⌥⌘A
Open... ⌘O
Open Recent
Open Quickly... ⇧⌘O
Close Window ⌘W
Close Tab
Close Document ^⌘W
Close Workspace ⌥⌘W
Save ⌘S
Duplicate... ⇧⌘S
Revert to Saved...
Unlock...
Export...
Show in Finder
Open with External Editor
Save As Workspace...
Workspace Settings...
Page Setup... ⇧⌘P
Print... ⌘P
Tab ⌘T
Window ⇧⌘T
File... ⌘N
Playground... ⌥⇧⌘N
Target...
Project... ⇧⌘N
Workspace... ^⌘N
Group ⌥⌘N
Group from Selection
Welcome to Xcode
Version 8.3.3 (8E3004b)
Get started with a playground
Explore new ideas quickly and easily.
Create a new Xcode project
Create an app for iPhone, iPad, Mac, Apple Watch or Apple TV.
Check out an existing project
Start working on something from an SCM repository.
No Recent Projects
Open another project...
In Xcode create a new project.


Xcode File Edit View Find Navigate Editor Product Debug Source Control Window Help
100% Wed 12:17 AM
Choose a template for your new project:
iOS watchOS tvOS macOS Cross-platform
Filter
Application
Cocoa Application
Game
Command Line Tool
Framework & Library
Cocoa Framework
Library
Metal Library
XPC Service
Bundle
Other
Cancel
Previous
Next
Select macOS then select Command line Tool
Cocoa Touch Class - A Cocoa Touch class
UI Test Case Class - A class implementing a unit test
Unit Test Case Class - A class implementing a unit test
Filter


Xcode File Edit View Find Navigate Editor Product Debug Source Control Window Help
100% Wed 12:28 AM
Project
Search
Favorites
All My Files
iCloud Drive
Applications
Desktop
Documents
Downloads
Shared
brn001ba964...
Tags
Project
Source Control: Create Git repository on My Mac
Xcode will place your project under version control
New Folder
Options
Cancel
Create
Cancel
Previous
Finish
Figure out which directory you want to save your C++ Project.
Cocoa Touch Class - A Cocoa Touch class
UI Test Case Class - A class implementing a unit test
Unit Test Case Class - A class implementing a unit test
Filter


Xcode File Edit View Find Navigate Editor Product Debug Source Control Window Help
100% Wed 12:29 AM
helloWorld My Mac
helloWorld: Ready | Today at 12:29 AM
helloWorld
main.cpp
Products
General Resource Tags Build Settings Build Phases Build Rules
Identity
Choose Info.plist File...
Signing
No accounts found
Add a developer account to sign your app.
Add Account...
Deployment Info
Deployment Target 10.12
Linked Frameworks and Libraries
Status
Add frameworks & libraries here
Identity and Type
Name helloWorld
Location Absolute
helloWorld.xcodeproj
Full Path /Users/family/Documents/Project/helloWorld/helloWorld.xcodeproj
Project Document
Project Format Xcode 3.2-compatible
Organization tccd
Class Prefix
Text Settings
Indent Using Spaces
Widths 4 4
Tab Indent
Wrap lines
Cocoa Touch Class - A Cocoa Touch class
UI Test Case Class - A class implementing a unit test
Unit Test Case Class - A class implementing a unit test
You should see an main.cpp file. Double click the file.


Xcode File Edit View Find Navigate Editor Product Debug Source Control Window Help
100% Wed 12:29 AM
helloWorld 〉 My Mac
helloWorld: Ready | Today at 12:29 AM
helloWorld 〉 helloWorld 〉 main.cpp 〉 No Selection
helloWorld
helloWorld
main.cpp
Products
//
// main.cpp
// helloWorld
//
// Created by Family on 9/6/17.
// Copyright © 2017 tccd. All rights reserved.
//
#include <iostream>
int main(int argc, const char * argv[]) {
// insert code here...
std::cout << "Hello, World!\n";
return 0;
}
This is what you should see.
*All through out this setup process the Operating system will ask you for permission by asking for your password. Please remember to accept those requests.
Identity and Type
Name main.cpp
Type Default - C++ Source
Location Relative to Group
main.cpp
Full Path /Users/family/Documents/Project/helloWorld/helloWorld/main.cpp
On Demand Resource Tags
Only resources are taggable
Target Membership
helloWorld
Text Settings
Text Encoding Default - Unicode (UTF-8)
Line Endings Default - macOS / Unix (LF)
Indent Using Spaces
Widths 4 Tab 4 Indent
Wrap lines
Cocoa Touch Class - A Cocoa Touch class
UI Test Case Class - A class implementing a unit test
Unit Test Case Class - A class implementing a unit test
Filter


Xcode File Edit View Find Navigate Editor Product Debug Source Control Window Help
100% Wed 12:29 AM
helloWorld 〉 My Mac
Finished running helloWorld : helloWorld
helloWorld 〉 helloWorld 〉 main.cpp 〉 No Selection
helloWorld
helloWorld
main.cpp
Products
//
// main.cpp
// helloWorld
//
// Created by Family on 9/6/17.
// Copyright © 2017 tccd. All rights reserved.
//
#include <iostream>
int main(int argc, const char * argv[]) {
// insert code here...
std::cout << "Hello, World!\n";
return 0;
}
Press the play button to compile your code.
The results or errors will show up here.
Hello, World!
Program ended with exit code: 0
Identity and Type
Name main.cpp
Type Default - C++ Source
Location Relative to Group
main.cpp
Full Path /Users/family/Documents/Project/helloWorld/helloWorld/main.cpp
On Demand Resource Tags
Only resources are taggable
Target Membership
helloWorld
Text Settings
Text Encoding Default - Unicode (UTF-8)
Line Endings Default - macOS / Unix (LF)
Indent Using Spaces
Widths 4 Tab 4 Indent
Wrap lines
Cocoa Touch Class - A Cocoa Touch class
UI Test Case Class - A class implementing a unit test
Unit Test Case Class - A class implementing a unit test
Auto
All Output
Filter