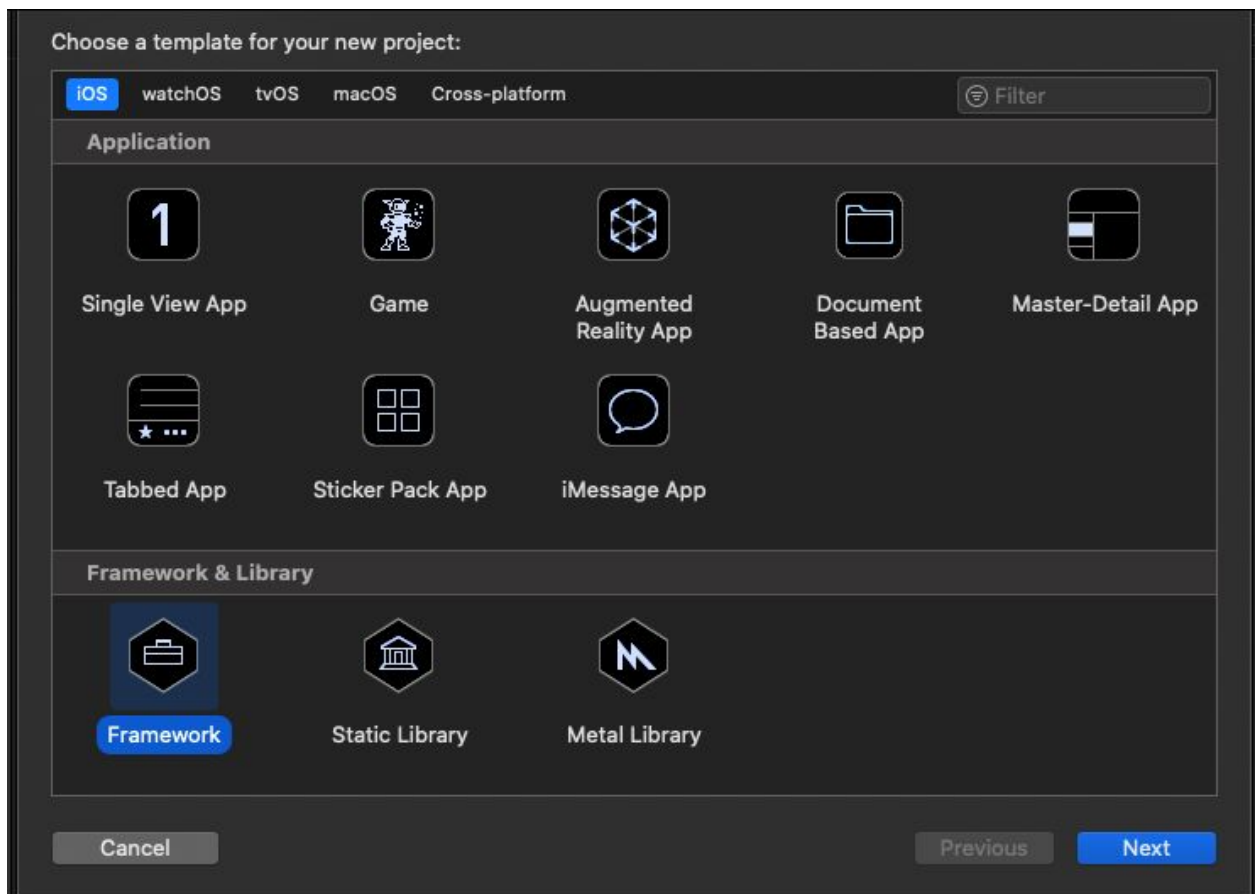


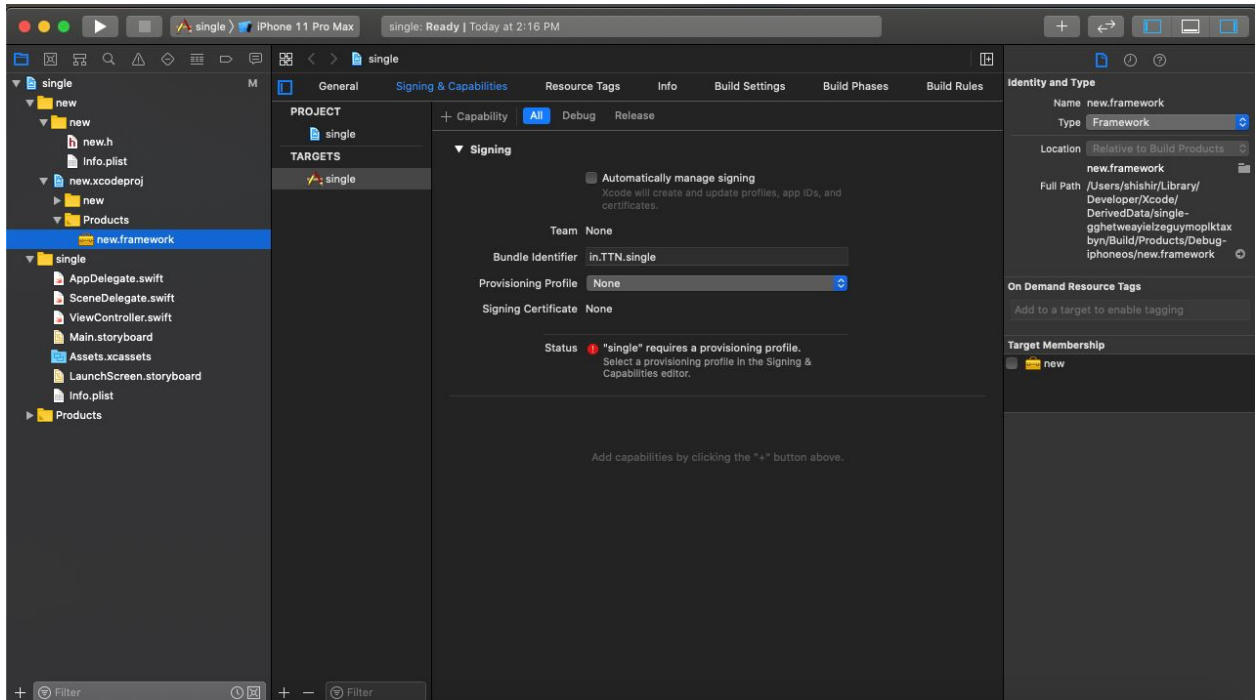
Shishir Singh

1. Explain what is Xcode?

Xcode is an IDE used developed by apple that contain software development tools used to create IOS,macOS,ipadOS application

2. Explain how you can add frameworks in Xcode project?





3. Explain what is the difference between Xcode, Cocoa and Objective C?

Xcode is an IDE used developed by apple that contain software development tools used to create IOS,macOS,iPadOS application

Cocoa is an library developed by apple which can be used by developed in there project it containing basic input,Output command as writing each an every code from scratch is time consuming.

Objective-C is an programing language used to develop IOS Application we can use Xcode to run this Language

4. What is the shortcut to open the “Code Snippet Library” in Xcode?

Shift+command+L

5. Mention what are the build phases available in Xcode?

Dependencies: Contain all the dependencies regarding the projects

Compiler Sources: The purpose is to inform the compiler which source files should be compiled in the process of building a target.

Copy Bundle Resources phase copies files that you want to be available in your bundle (.app).

6. Explain how app delegate is declared by Xcode project templates?

At the time of launching an application app delegates perform the background work required for that application like calling an api

7. Explain how you define variables in Swift language?

Var a=1

8. What is interface builder?

Interface builder is a tool developed by Apple to make User Interface without writing a single line of code .UI can be build by smipe drag and drop

9. Create an app with a login interface which should have two text field for email, password where the password is a secure field and a button.

10. List devices and their resolutions, screen size has iOS as their OS.

a) iPhone 4,4s- 640 X 960- 3.5"

b) iPhone 5s, 5c, 5, SE - 640 X 1136- 4"

c) iPhone 8,7,6s,6 - 750 X 1334 - 4.7"

d) iPhone 8+, 6+, 6s+, 7+ - 1242 X 2208 - 5.5"

e) iPhone 11, XR - 828 X 1792 - 6.1"

f) iPhone 11 pro, X, XS - 1125 X 2436 - 5,8"

g) iPhone 11 pro max, XS max - 1242 X 2688 - 6.5"

h) iPad Air - 1536 x 2048 - 9.7"

i) iPad Pro - 2048 x 2732 - 12.9"

j) iPad pro - 1668 x 2388 - 11"

k) iPad pro(1st gen) - 1668 x 2224 - 10.5"

l) iPad mini - 1536 x 2048 - 7.9"