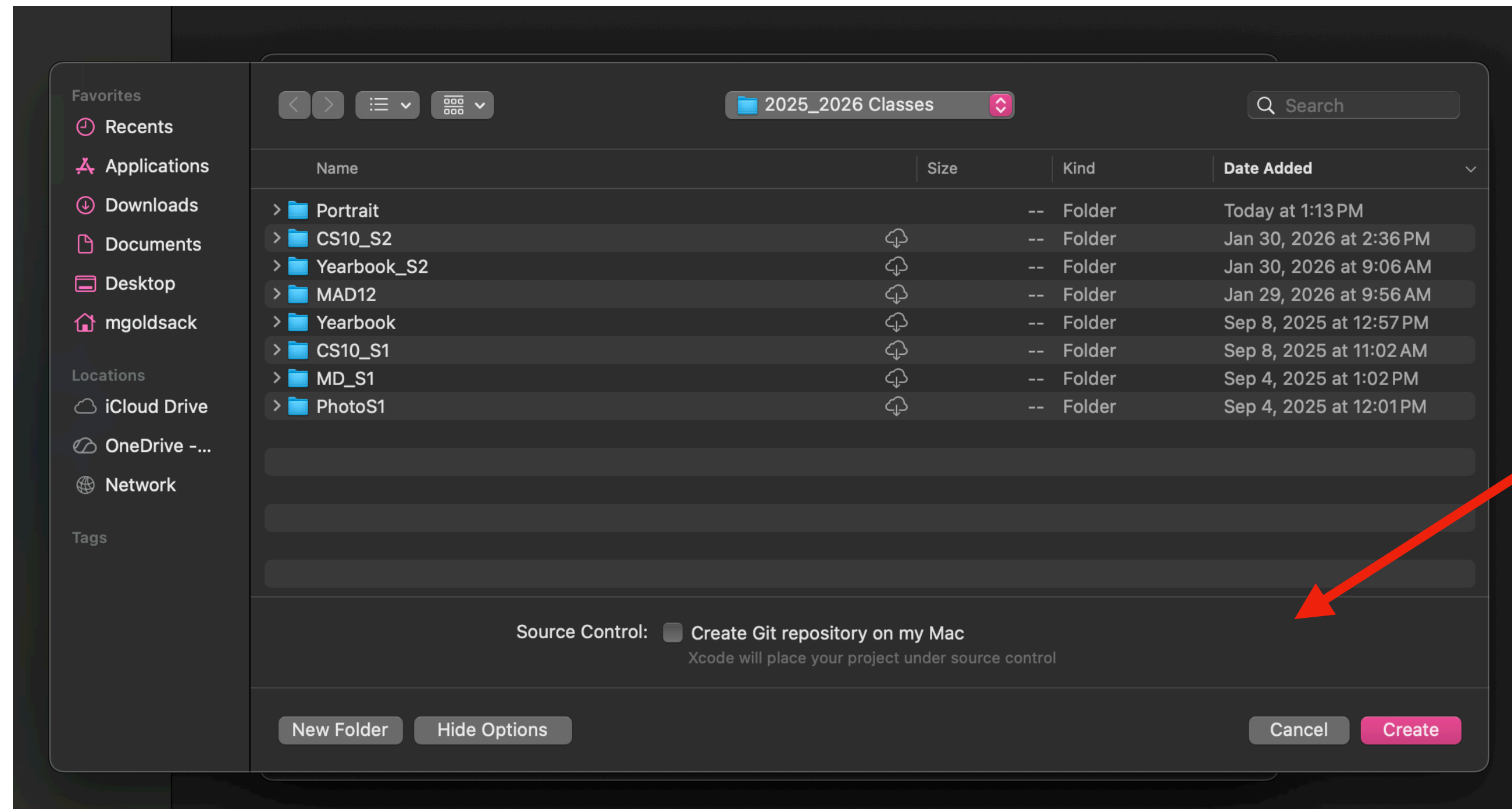
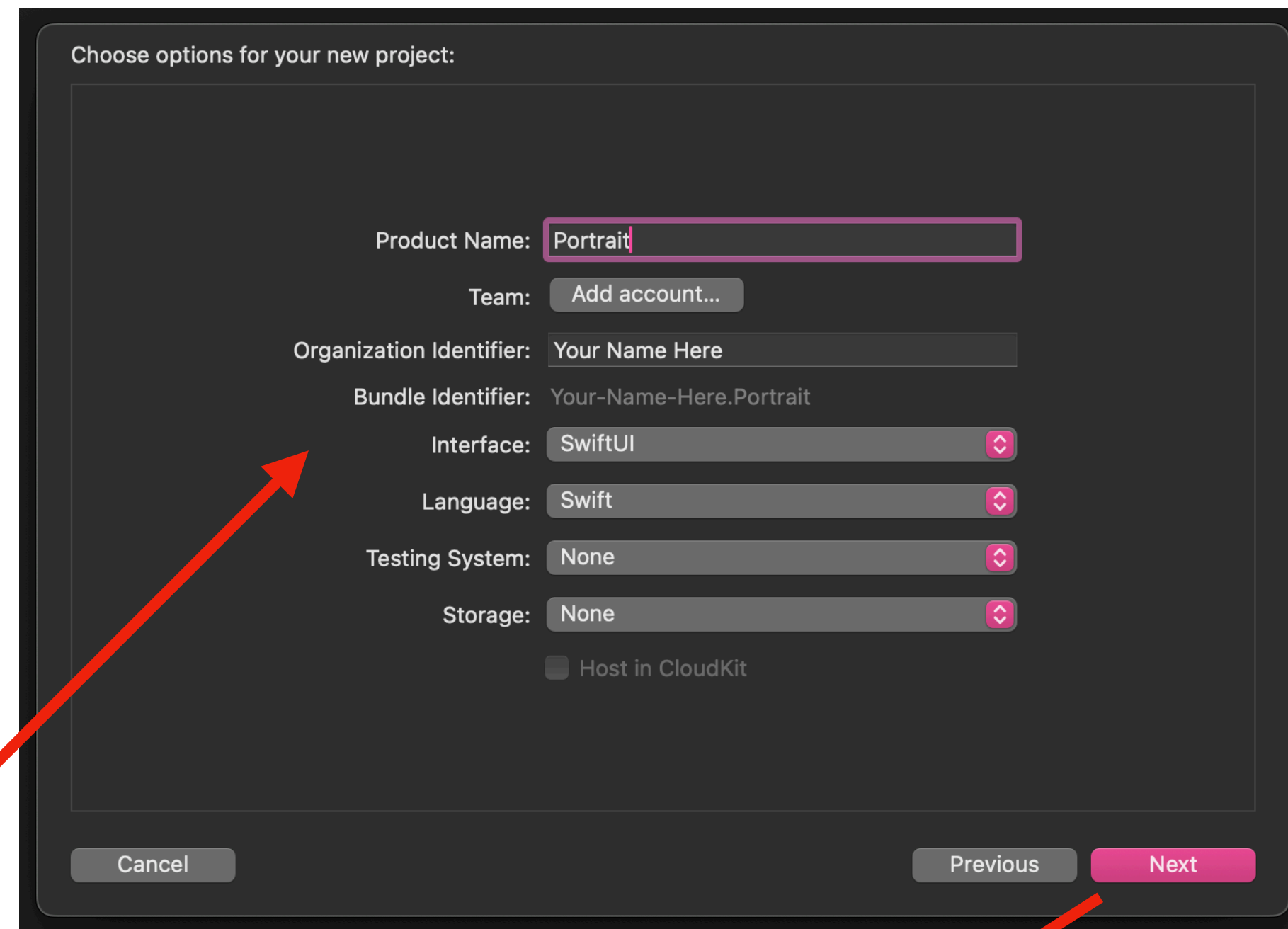
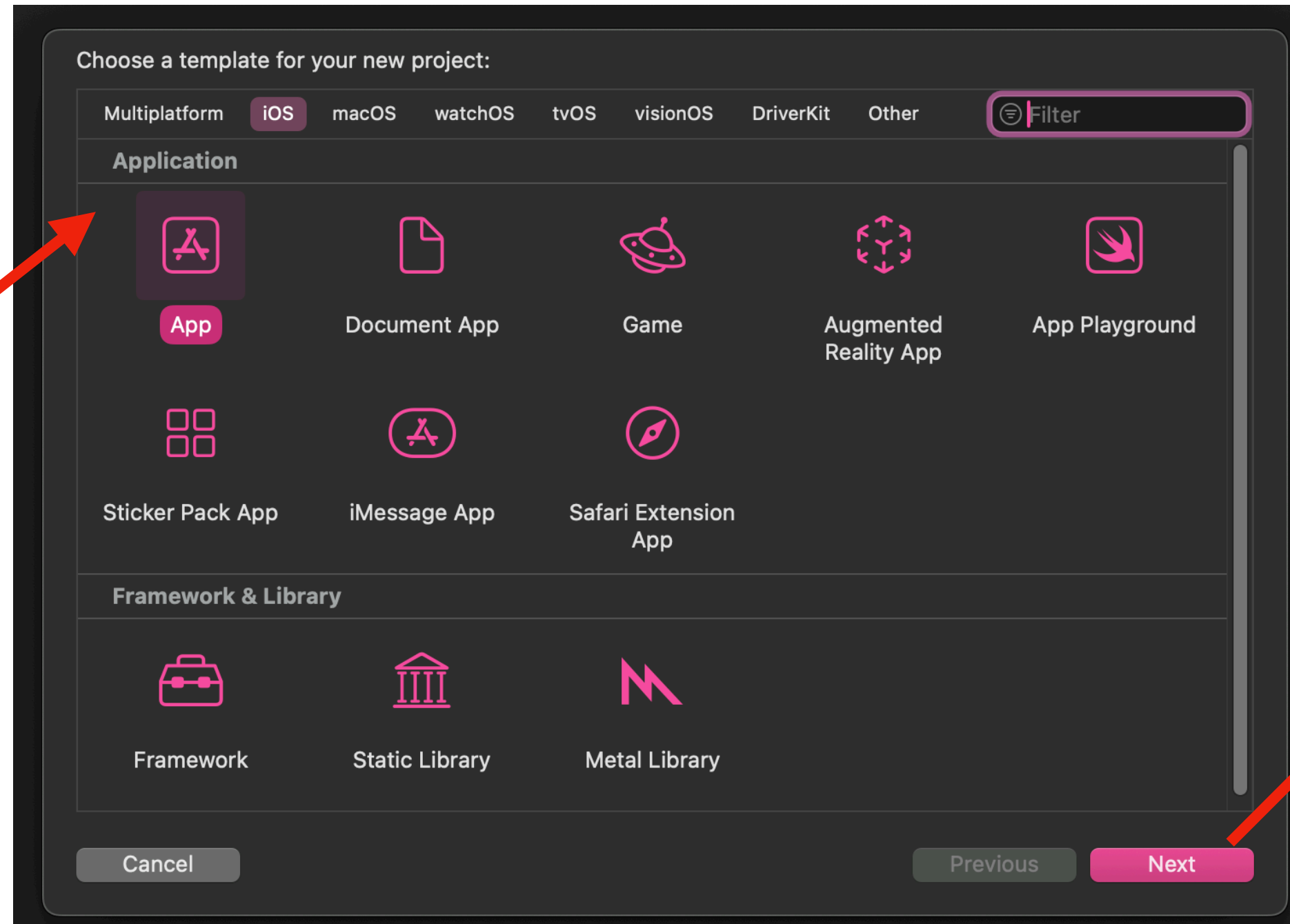


Xcode Exploration

CS 10

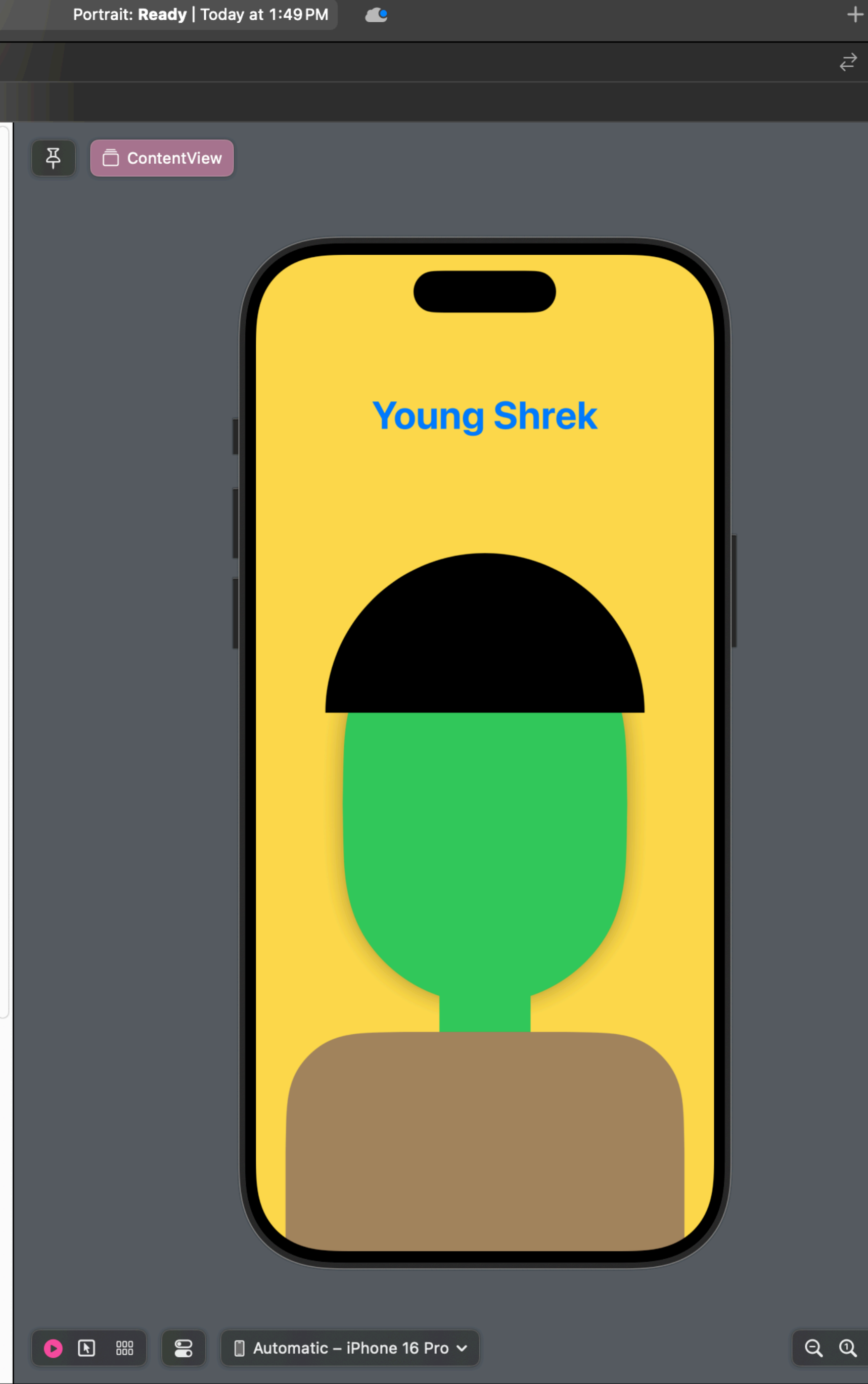


Save your file to OneDrive

Portrait

- Portrait
 - Assets
 - ContentView
 - PortraitApp

```
1 //
2 // ContentView.swift
3 // Portrait
4 //
5 // Created by Michael Goldsack on 2026-06-11.
6 //
7
8 import SwiftUI
9
10 struct ContentView: View {
11     var body: some View {
12         VStack {
13             Text("Young Shrek")
14                 .font(.largeTitle)
15                 .fontWeight(.bold)
16                 .foregroundColor(.blue)
17                 .offset(y: -100)
18
19             ZStack {
20                 Capsule()
21                     .frame(width: 250, height: 350)
22                     .foregroundColor(Color.green)
23                     .shadow(radius: 10)
24
25                 Rectangle()
26                     .frame(width: 80, height: 200)
27                     .offset(y: 200)
28                     .foregroundColor(Color.green)
29
30                 RoundedRectangle(cornerRadius: 70)
31                     .foregroundColor(.brown)
32                     .frame(width: 350, height: 400)
33                     .offset(y: 400)
34
35                 Circle()
36                     .trim(from: 0.5, to: 1.0)
37                     .frame(width: 280)
38                     .offset(y: -80)
39             }
40         }
41         .padding()
42         .frame(maxWidth: .infinity, maxHeight: .infinity)
43         .background {
44             Color.yellow.opacity(0.7)
45                 .ignoresSafeArea()
46         }
47     }
48 }
49
50 #Preview {
51     ContentView()
52 }
53 |
```



Code reference

Stacks

```
HStack {  
}  
  
VStack {  
}  
  
ZStack {  
}
```

Shapes

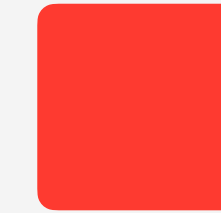
```
Circle()  
  
Ellipse()  
  
Capsule()  
  
Rectangle()  
  
RoundedRectangle(cornerRadius: 20)
```

Modifiers

```
.frame(width: 100, height: 200)  
  
.foregroundStyle(Color.blue)  
  
.offset(x: 40, y: 10)  
  
.trim(from: 0.5, to: 1.0)  
  
.shadow(radius: 10)  
  
.opacity(0.5)
```

Colors

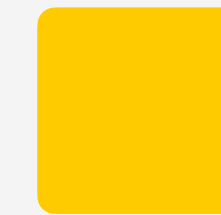
```
Color.black
```



Red



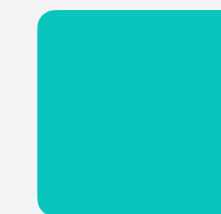
Orange



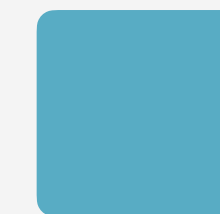
Yellow



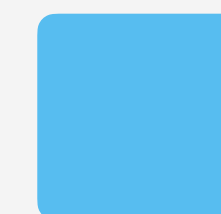
Green



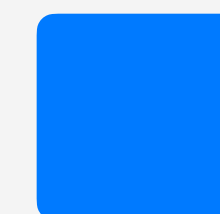
Mint



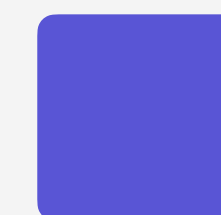
Teal



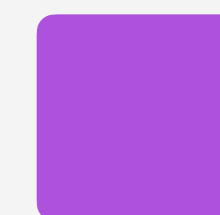
Cyan



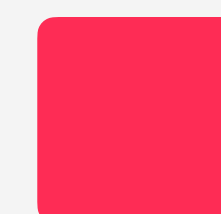
Blue



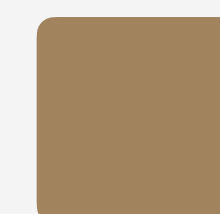
Indigo



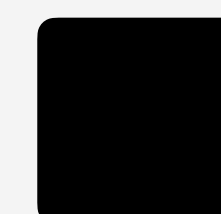
Purple



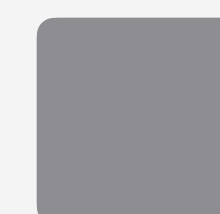
Pink



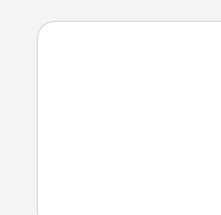
Brown



Black



Gray



White