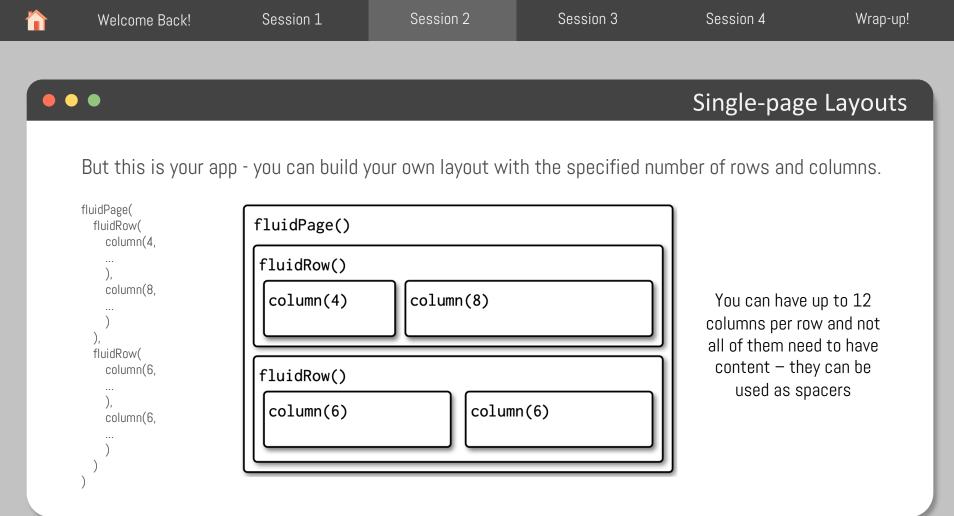


	Session 2	Session 3	Session 4	Wrap-up!
			Single-page l	ayouts
Your Shiny App can have one or multiple p layout. Let's take a closer look at the sid fluidPage(titlePanel(), sidebarLayout(sidebarPanel(), mainPanel())	•	e() el() ayout()		



	Welcome Back!	Session 1	Session 2	Session 3	Session 4	Wrap-up!
•	••				Y	our turn!
	Modify the ui for th	he sample app in t	he folder single-p a	ge-app by recreat	ing the sidebar lay	out using

fluidRow() and column() instead.

Hint: Check the sidebarLayout documentation on the "help" tab to see its default width (number of columns) per panel.

	Welcome Back!	Session 1	Session 2	Session 3	Session 4	Wrap-up!	
					Multi-page	e Layouts	
As your app grows in complexity, it might become impossible to fit everything on a single page. You can use tabPanel() to create the illusion of multiple pages. It's still just one page, but it's broken down into multiple tabs that are only visible one at a time. Let's take a look at our sample app inside multi-page-app							

	Welcome Back!	Session 1	Session 2	Session 3	Session 4	Wrap-up!	
					Y	our turn!	
Convert the single-page app we used in the previous session to a multi-page app. You can find it inside the folder: my-previous-app. It should look like this at the end:							

Basic UI Components

Inputs	Outputs			
	Texts Plot Tables			
Numeric	Number one: 0			
Number one				
0	Number two: 50			
Number two	Range: 10 - 20			
0 10 20 30 40 50 60 70 80 90 100	What's your name?			
Range 0 10 20 100	What's your password?			
0 10 20 30 40 50 60 70 80 90 100	Tell me about yourself:			
Plot this range:	What's your favourite state? Alabama			
	What's your favourite animal? Atlantic Walrus			

	Welcome Back!	Session 1	Session 2	Session 3	Session 4	Wrap-up!	
••	•				Multi-page	e Layouts	
Because tabs are displayed horizontally, there's a fundamental limit to how many tabs you can use, particularly if they have long titles. navlistPanel() provide an alternative layout that let you use more tabs with longer titles.							



Multi-page Layout

Welcome Back!	Session 1	Sessi	on 2	Ses	sion 3 S	Session 4	Wrap-up!
•					Ν	∕lulti-page La	ayouts
Another option is to us top of the page with a		0 0	vbarMer	nu() to cre	eate a horizonta	I navigation bar a	at the
	Page title pa	anel 1 panel 2	panel 3	subpanels -			
	one			panel 4a panel 4b			
				panel 4c			

Welcome Back!	Session 1	Session 2	Session 3	Session 4	Wrap-up!
• •				Multi-page	Layouts
Another option is t package.	o build a dashboa	rd with the dashbo	pardPage() function	n from the shinydas	shboard
Multi-	-page Layout ≡				
Number on 0 Number tw 0 0 10 20 3 Range 0 10 - 20 0 10 20 3	Panel o Panel o 50 100	el 1 panel 2 panel 3			

^	Welcome Back!	Session 1	Session 2	Session 3	Session 4	Wrap-up!
					Y	our turn!
	Play around with	our previous app. P	ick one of the layo	outs we saw today	[,] and refactor the c	ode to fit

one of those.

	Welcome Back!	Session 1	Session 2	Session 3	Session 4	Wrap-up!		
	• •					Themes		
It's no secret that our apps could use some styling! We can use the shinythemes package to apply some themes on our app and make it look nicer!								
	Add themeSelector() anywhere inside your ui to create a live theme selector to load with your app.							
	Once you picked one, you can comment this line and add your theme name directly, for instance the							

lux theme would be:

theme = shinytheme("lux")

Go further: look into the bslib package and how you can control everything on your page, from color, to font, to font size, etc.